CD RECEIVER

KDC-8080RSE

SERVICE MANUAL

KENWOOD

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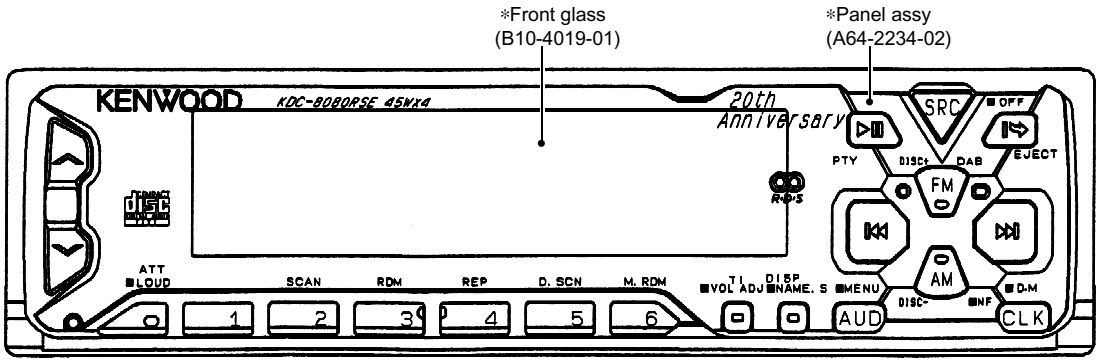
B51-7572-10 (S) 1877

• This service manual does not include information
For such information, refer to the KDC-9015/8080R(B51-7572-00)

Extension cord	Parts No.
CD mechanism(22P)	W05-0618-00



PARTS LIST

* New Parts.

Ref.No	Add	New	Parts No.	Description	Destination
KDC-8080RSE					
PA1		*	A64-2234-02	PANEL ASSY	
223		*	B10-4019-01	FRONT GLASS	
251			E30-4798-05	CORD WITH PINPLUG	
-		*	H54-1817-03	ITEM CARTON CASE	

• The electrical circuits other than parts list on the left are identical to the KDC-8080R.
Please refer to the KDC-9015/8080R service manual (B51-7572-00) for inspection and repairs.
• Please file this manual along with the KDC-9015/8080R service manual.

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CD RECEIVER

KDC-9015/8080R

SERVICE MANUAL

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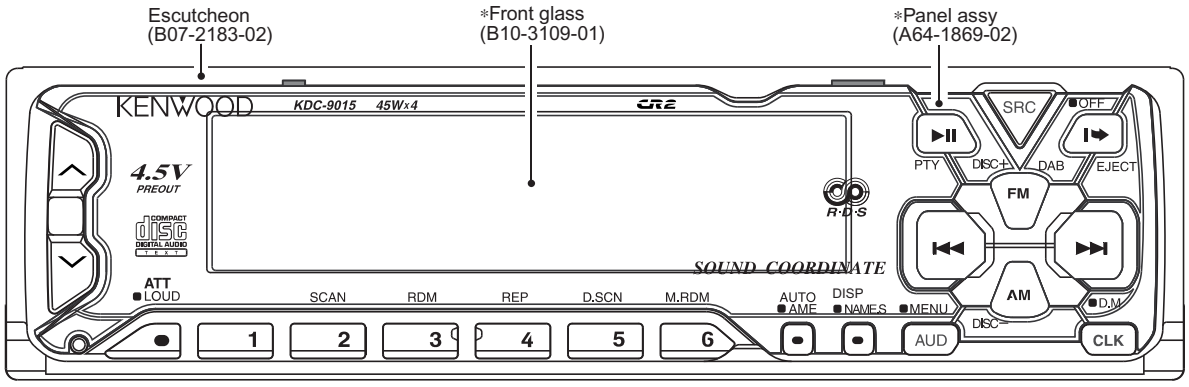
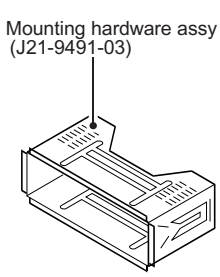
B51-7572-00(S) 3128

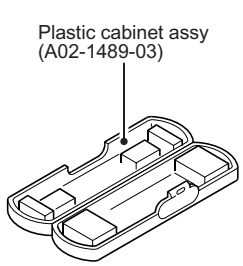
Extension cord	Parts No.
CD mechanism(22P)	W05-0618-00

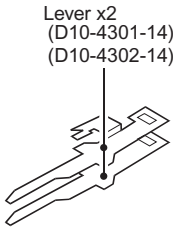
●KDC-9015

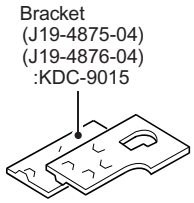


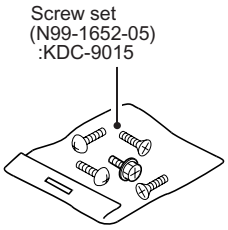
∗ : Refer to the Parts List

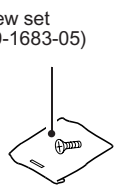


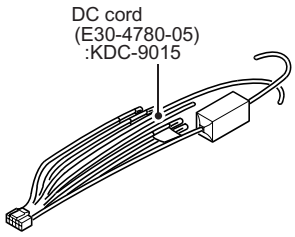


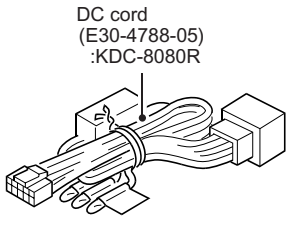












The MECHANISM OPERATION DESCRIPTION is the same as model KDC-S3007 and KDC-5050RG.
Please refer to the service manual for model KDC-S3007(B51-7029-00) or KDC-5050RG(B51-7099-00).

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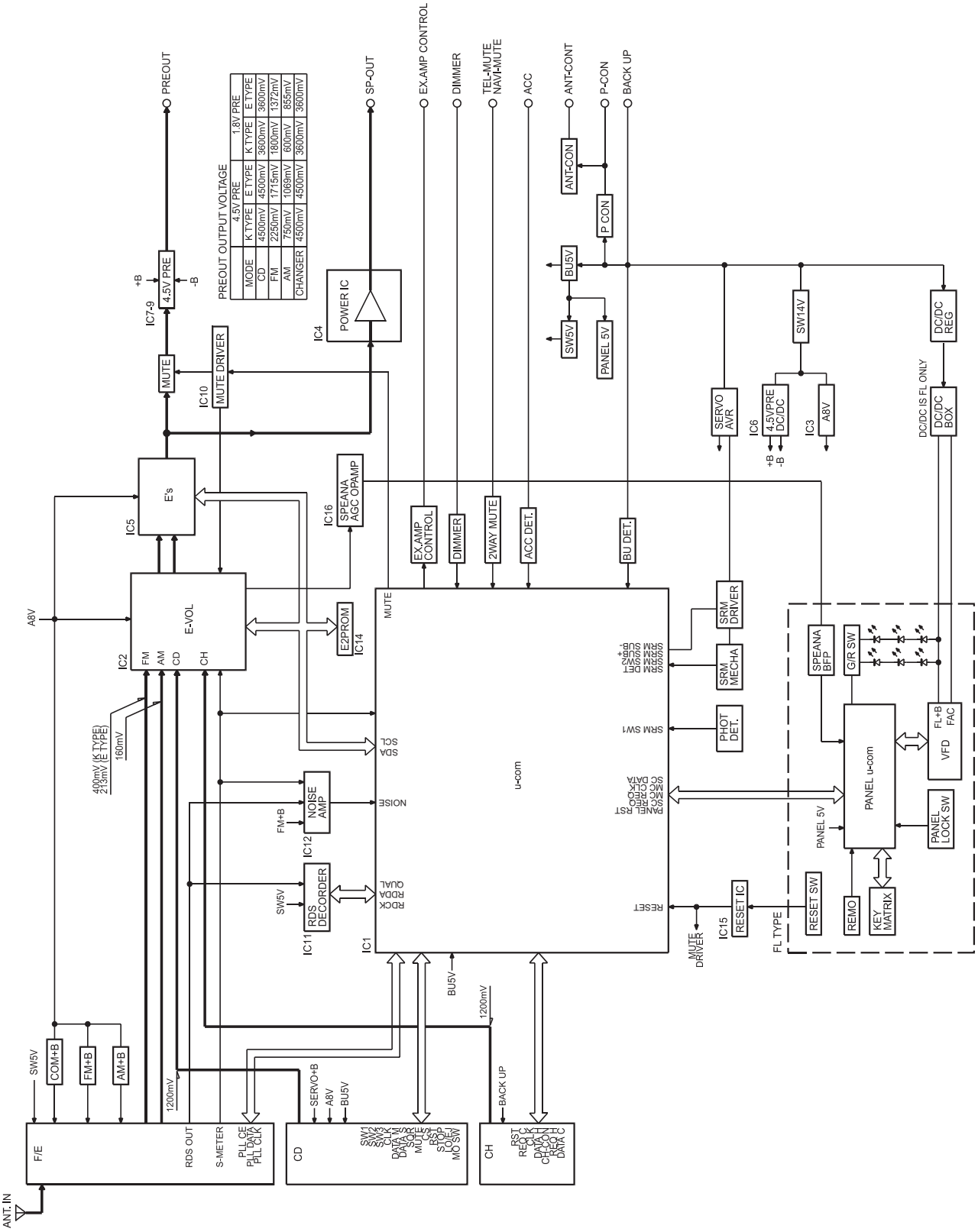
KDC-9015/8080R

BLOCK DIAGRAM



MICROCOMPUTER'S DESCRIPTION

System μ-com: UPD784217GC

●Terminal description

No.	Pin name	Function	I/O	Description	Processing Operation
1	P120/RTP0	CHCON1	O	Changer 1 control	Active: Hi
2	P121/RTP1	CH_MUTE	I	Changer muting input	MUTE Requested : Hi
3	P122/RTP2	REQH	O	Handshake request to changers	Active: Lo
4	P123/RTP3	ILL_ON	O	Illumination output	Active: Hi
5	P124/RTP4	NC	O	Open	
6	P125/RTP5	CD_SW2	I	12cm DISC detection	ON: Lo
7	P126/RTP6	CD_SW1	I	Loading detection	ON: Lo
8	P127/RTP7	NC	O	Open	
9	Vdd	Vdd	-	Positive power supply	
10	X2	X2	-	Main clock connection	
11	X1	X1	-	Main clock connection	
12	Vss	Vss	-	GND	
13	XT2	XT2	-	Sub clock connection	
14	XT1	XT1	-	Sub clock connection	
15	RESET	RESET	I	Reset input	Active: Lo
16	P00/INTP0	CH_RST	O	Changer reset output	Active: Lo
17	P01/INTP1	R_CLK	I	RDS clock input	
18	P02/INTP2/NMI	REQC	I	Handshake request from changer	Active: Lo
19	P03/INTP3	NC	I/O		
20	P04/INTP4	NC	I/O		
21	P05/INTP5	NC	I/O		
22	P06/INTP6	SC_REQ	I	Handshake request from panel μ-com	
23	AVdd	AVdd	-	A/D analog power supply	
24	AVref0	AVref	-	A/D reference voltage input	
25	P10/AN10	PHONE	I	PHONE detection terminal	1V or less: PHONE 2.5V or more: NAVI MUTE
26	P11/ANI1	SRM_SW1	I	SRM position detection	Open: Hi
27	P12/ANI2	NOISE	I	FM noise detection	Analog input
28	P13/ANI3	SMETER	I	FM signal meter detection	Analog input
29	P14/ANI4	IF_MODE	I	K2I IF selector	Wide: Hi/Narrow: Lo
30	P15/ANI5	NC	I	GND	
31	P16/ANI6	M_MUTE_R	I	Mute request from mechanism	Mute requested: Lo
32	P17/ANI7	M_MUTE_L	I	Mute request from mechanism	Mute requested: Lo
33	AVss	AVss	-	A/D GND	
34	P130/ANO0	EXT_AMP	O	EXT_AMP control	
35	P131/ANO1	M_RST	O	Reset output to mechanism	Reset: Lo
36	AVref1		-	D/A reference voltage input	
37	P70/RxD2/SI2	DATAC	I	Data line from changer	
38	P71/TxD2/SO2	DATAH	O	Data line to changer	
39	P72/ASCK2/SCK2	CH_CLK	I/O	Clock line from/to changer	
40	P20/RxD1/SI1	L_DATAL/SC_DATA	I	Data line from LCD driver	
41	P21/TxD1/SO1	L_DATAS/MC_DATA	I/O	Data line to LCD driver	
42	P22/ASCK1/SCK1	L_CLK/MC_CLK	I/O	Clock line to LCD driver	
43	P23/PCL	M_STOP	O	Stop request to mechanism	Stop requested: Lo
44	P24/BUZ	BEEP	O	Beep output	Active: Hi
45	P25/SI0	PLL_CE	O	CE output to PLL	
46	P26/SO0	PLL_DATA	I/O	Data in/out with PLL	
47	P27/SCK0	PLL_CLK	O	Clock output to PLL	
48	P80/A0	CD_SW3	I	Switch detection	ON : Hi
49	P81/A1	LO/EJ	O	Loading/Eject control	Loading: Lo/Eject: Hi
50	P82/A2	MOSW	O	Motor output	Loading: Hi/Eject: Lo
51	P83/A3	MECH_ DET	I	Mechanism detection	ON: Hi/OFF: Lo
52	P84/A4	PAN5V	O	Panel detection	OFF: Hi
53	P85/A5	L_CE/P_RST	O	CE to LCD driver/Panel μ-com reset	
54	P86/A6	L_INH/MC_REQ	O	Reset to LCD driver	

KDC-9015/8080R

MICROCOMPUTER'S DESCRIPTION

No.	Pin name	Function	I/O	Description	Processing Operation
55	P87/A7	DIM_CON	O	DIM control	
56	P40/AD0	QUAL	I	RDS receiving condition	Good: Hi
57	P41/AD1	R_DATA	I	RDS data input	
58	P42/AD2	SRM_SUB-	O	SRM sub motor output	
59	P43/AD3	SRM_SUB+	O	SRM sub motor output	
60	P44/AD4	SRM_DET	I	SRM mechanism detection	ON: Lo/OFF: Hi
61	P45/AD5	SRM_SW2	I	SRM eject detection	: Eject
62	P46/AD6	FM_SD	I	FM SD input	Station detected: Hi Not detected: Lo
63	P47/AD7	NC	O	Open	
64	P50/A8	AFC	O	Noise detection time constant switching	During reception: Hi During search: Lo
65	P51/A9		O		
66	P52/A10	WIDE	O	K2I Wide output	Active: Hi
67	P53/A11	NARROW	I/O	K2I Narrow output	Active: Hi
68	P54/A12	AM+B	O	AM power supply	Active: Hi
69	P55/A13	FM+B	O	FM power supply	Active: Hi
70	P56/A14	NC	O	Open	
71	P57/A15	NC	O	Open	
72	Vss		-	GND	
73	P60/A16	TYPE0	I		Destination type switch
74	P61/A17	TYPE1	I		Destination type switch
75	P62/A18	TYPE2	I		Destination type switch
76	P63/A19	ST_TYPE0	I	IC2 Var. 3 destination type 0	Initial value: Lo
77	P64/RD	ST_TYPE1	I	IC2 Var. 3 destination type 1	Initial value: Lo
78	P65/WR	NC	O	Open	
79	P66/WAIT	PRE MUTE R	O	Open	Active: Lo
80	P67/ASTB	PRE MUTE L	O	Open	Active: Lo
81	Vdd		-	Positive power supply	
82	P100/TI5/TO5	NC	O	Open	
83	P101/TI6/TO6	SVR	O	Power IC reset	Power ON: Lo
84	P102/TI7/TO7	NC	O	Open	
85	P103/TI8/TO8	P_MUTE	O	Power IC muting	Active: Lo
86	P30/TO0	ANT_CON	O	Antenna control	Active: Hi
87	P31/TO1	IC2_SCK	O	IC2, IC5, EEPROM clock line	
88	P32/TO2	DIMMER	I	Dimmer detection	Active: Lo
89	P33/TI1	P_CON	O	Power control	Active: Hi
90	P34/TI2	ACC_DET	I	ACC detection	ACC OFF: Hi
91	P35/TI00	REMO	I	Remote control input	
92	P36/TI01	P_ON	O	µ-com peripheral power supply	Active: Hi
93	P37	BU_DET	I	Momentary power down detection	Momentary power down: Hi
94	TEST		-	Test	GND
95	P90	IC2_SDA	I/O	IC2, IC5, EEPROM data line	
96	P91	MUTE	O	Muting output	Active: Hi
97	P92	SW5	O	5V power supply	Active: Lo
98	P93	MS_CL	O	CD mechanism clock line	
99	P94	MS_DA	I/O	CD mechanism data line	
100	P95		O	NC	

TEST MODE

1. Entering the test mode

Reset the unit by pressing the FM key and the Preset 6 key at the same time.

When the test mode is entered, all indicators light up.

2. Releasing the test mode

Reset the unit by pressing the Preset 6 key.

Note: The unit cannot be reset by simply turning ACC off, turning power off, or turning power off for a brief moment.

3. Voltage adjustment on the FM S-meter

(1) Enter the test mode.
(2) While pressing the Preset 1 key, keep on pressing the Preset 6 key.
(3) When the adjustment is made, "ADJ OK" is displayed. When adjustment cannot be made, "ADJ NG" is displayed.

4. Writing SD voltage for the AM

(1) Enter the test mode.
(2) While pressing the Preset 1 key, keep on pressing the Preset 6 key, which results in writing SD.

5. Forced switching of K2I Auto/Manual

In tuner-mode, keeping on pressing TI key, and the Auto and Manual modes can be swieched. The initial condition is manual modes, which is indicated by flashing DUAL dots.

6. Forced narrow/wide switchng of K2I

In tuner-mode, when Preset 6 is pressed, forced narrow/wide mode switching is made. The initial condition is in wide mode and the NEWS dot flashes.

7. CD receiver test mode specification

By pressing the track-up key, the unit jumps to the following tracks:

No. 9 → No. 15 → No. 10 → No. 11 → No. 12 → No. 13 → No. 14 → No. 9 (Goes back to the first position.)

When the track-down key is pressed, the unit jumps to the previous track.

8. MD test mode specification

After loading MD, the unit plays No. 7. Then, the unit jumps as follows each time it track-ups.

No. 2 → No. 13 → No. 23 → No. 30 → No. 34 → No. 7 (Goes back to the first position.)

When the track-down key is pressed, the unit jumps to the previous track.

9. Tape test mode

In the initial step, the blank skip is turned off.

10. Audio-related items

- The volume is -10dB (on display, it is 30).
- The loudness is off and CRSC is off regardless of functions.
- Buss/treble and balance/fader are to be adjusted by the up/down key to full-boost/fullcut and fullfront/fullrear respectively.
- The high-pass filter is adjusted by the up-key to throughput/100Hz/200Hz and, by the down-key, to 200Hz/100Hz/throughput.
- Other adjustments are the same as before.

11. Backup current measurement

When reset in ACC-off condition (backup is on), the mute terminal goes off after 2 seconds instead of 15 seconds, when the ACC is tuned off in the test mode. (In this case, the panel/CD/C/MD mechanisms are not activated.)

12. Registering security code after changing E2PROM at the services (Only for type M. However, RDS models are excluded)

(1) Put the unit into the test mode (Refer to 1. Above for how to enter the test mode.)
(2) Press SRC key to put the unit into the tuner mode.
(3) Press Audio key for one second and put the unit into the menu mode.
(4) Press FM/AM key and then select "SECURITY."
(5) Press track up/down key for full 2 seconds.
(6) Press Preset 1, Preset 2, Preset 3, and Preset 4 and then input codes.
Example: Inputting "3510."
- Preset 1 key 4 times.
- Preset 2 key 6 times.
- Preset 3 key 2 times.
- Preset 4 key once.

(7) Press DISP key for 3 seconds and confirm that "APPROVED" is displayed.
(8) Release the test mode. (Refer to "2. Releasing the test mode" above.)

TEST MODE

13. Simplified method for clearing the security code (Only for type K)

(1) When code is requested, continue pressing VOL UP key for three seconds while pressing the DISP key. (.... disappear.)
(2) Input "KCAR," using the remote controller (the same as the 98 Model)
- Press Tenkey 5 twice and then press track-up key. (Inputting "K")
- Press Tenkey 2 three times and then press track-up key. (Inputting "C")
- Press Tenkey 2 once and then press track-up key. (Inputting "A")
- Press Tenkey 7 twice and then press track-up key. (Inputting "R")

(3) Then, the security is released and the unit goes into the Tuner Mode.

14. Writing MASK KEY on line (E2PROM in initial codition)

(1) While pressing the FM key and Preset 6 key, press reset key to enter the test mode.
(2) Press AUDIO key for full one second to put the unit into the menu mode.
(3) Select the "MASK KEY," using the FM key or AM key.
(4) Press on the track up/down key to display "TRANSMIT 1."
(5) Point the MASK KEY to the light receptor and press it for 0.5 second or longer.
(6) When "TRANSMIT 2" is displayed, press MASK KEY for 0.5 second or longer. When this is conducted, the counter codes for the first time and the second time will not be compared.
(7) When "APPROVED" is displayed, writing is completed. Time the demonstration mode is set and the test mode is released.

Note: After an elapse of 30-minuite period, during which no code is written, an error is effected and the device will power off.

15. Releasing MASK KEY requests (When reset or backup is off when MASK KEY is approved)

(1) When power is turned on, "TRANSMIT 1" is displayed and the unit goes into MASK KEY request mode.
(2) Point the MASK KEY to the light receptor and press it for more than 3 seconds (until the level display indicates full)
(3) When "TRANSMIT 2" is displayed, press the MASK KEY again for more than three seconds. At this point, when "TRANSMIT 1" is displayed, repeat the process in (2) above for the second time.
(4) When "APPROVED" is displayed, MASK KEY is approved and the unit turns power on.

16. Initializing MASK KEY (returning to the default condition from MASK KEY approved state)

(1) While pressing the FM key and Preset 6 key at the same time, press RESET to enter the test mode.
(2) "TRANSMIT 1" is displayed and the unit goes into MASK KEY request mode. The display at this point will be "**" instead of "[ ]".
(3) Use MASK KEY release remote controller for more than three seconds.
(4) When "TRANSMIT 2" is displayed, press the MASK KEY for more than three seconds for the second time.
(5) When "APPROVED" is displayed, the MASK KEY is released and the demonstration mode is set. Then, the test mode is released, returning the unit into default condition.

17. Clearing from the MASK KEY

(1) While pressing FM key and Preset 6 key at the same time, press RESET to enter the test mode.
(2) Press the AUDIO key for full one second to put the unit into the menu mode.
(3) Select MASK KEY, using track up/down key.
(4) Press on the FM key or AM key for full two seconds and the unit will display "TRANSMIT 1."
(5) Point the MASK KEY release controller to the light receptor and press it for 3 seconds or longer. (Until the level display indicates full.)
(6) When "TRANSMIT 2" is displayed, press MASK KEY for 3 seconds or longer for the second time. If "TRANSMIT 1" is displayed, start again from (5) above.
(7) When "APROVED" is displayed, E2PROM is cleared. The unit goes back to the condition described in Line 14: Writing MASK KEY on line (E2PROM in initial condition)

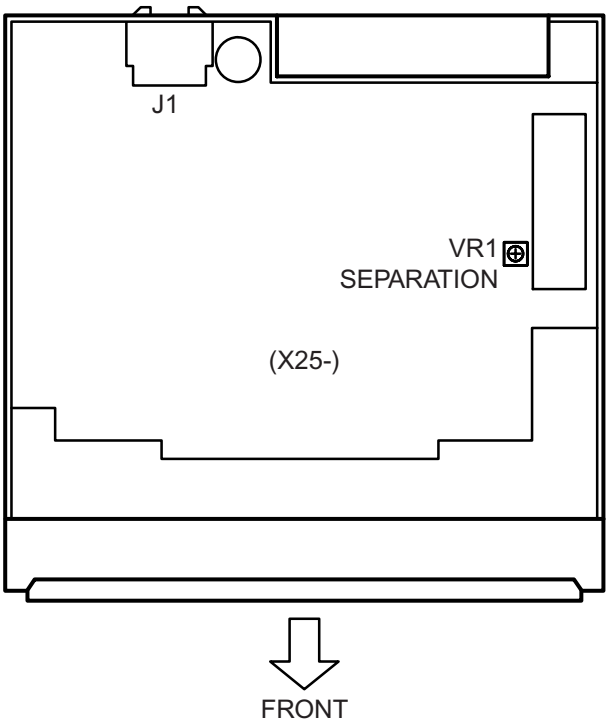
18. Other

- Automatic panel closing does not occur in case a TAPE, CD, or MD is inserted.
- Panel is opened/closed when ATT key is turned On/Off. (A remote controller is used when turning ATT on.)
- The DNPP/SBF key of the remote controller (RC-510) is used for tuning the menu mode On/Off.
- The OPEN/CLOSE key of the remote controller (RC-510) is used for tuning the audio mode On/Off.
- The feed on the menu will be feeds only for necessary features.
- "CODE OFF" and other displays will not be issued when the power is turned on.
- The dimmer of the FL model and contrast on the LCD model can be adjusted only for 0/5/10 by the UP/DOWN key.

ADJUSTMENT

Set the controls and switches as follows.
BALANCE: center position BASS: center position LOUD: OFF DOLBY NR: OFF
FADER: center position TREBLE: center position

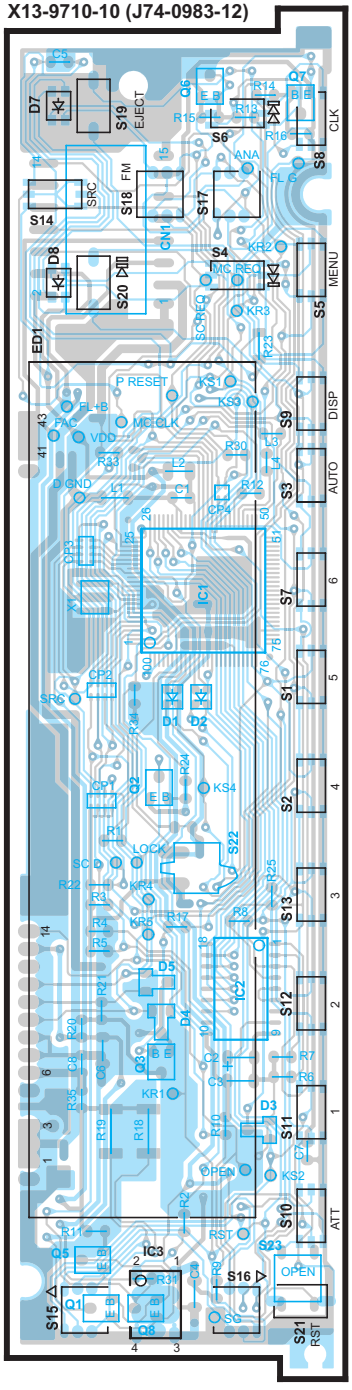
No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	SEPARATION (NARROW)	98.1MHz 1kHz, ±40kHz dev Pilot: ±6.0kHz dev Selector: L or R 60dBμ (ANT input)	Connect an AC voltmeter to SP OUT	TEST MODE: ON (Forced Narrow) FM98.1MHz	VR1	Adjust it so that the crosstalk from L to R and R to L become minimum.	



PC BOARD (Component/Foil Side View)

SWITCH UNIT

X13-9710-10 (J74-0983-12)



SWITCH UNIT
(X13-971X-XX)

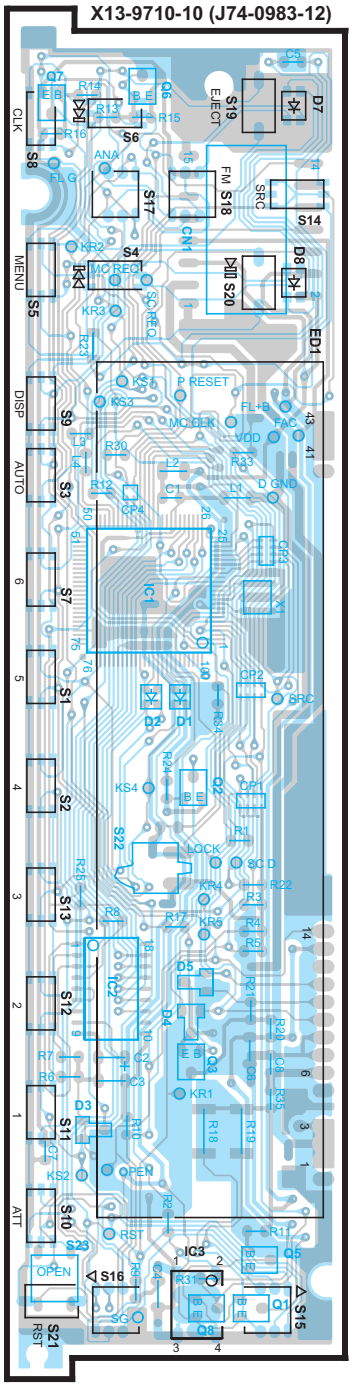
Ref. NO.		Address
IC	Q	
1		3A
2		5B
3		6A
	1	6A
	2	4A
	3	5A
	5	6A
	6	2A
	7	2B
	8	6A

SWITCH UNIT
(X13-971X-XX)

Ref. NO.		Address
IC	Q	
1		3D
2		5D
3		6E
	1	6E
	2	4E
	3	5E
	5	6E
	6	2D
	7	2D
	8	6E

SWITCH UNIT

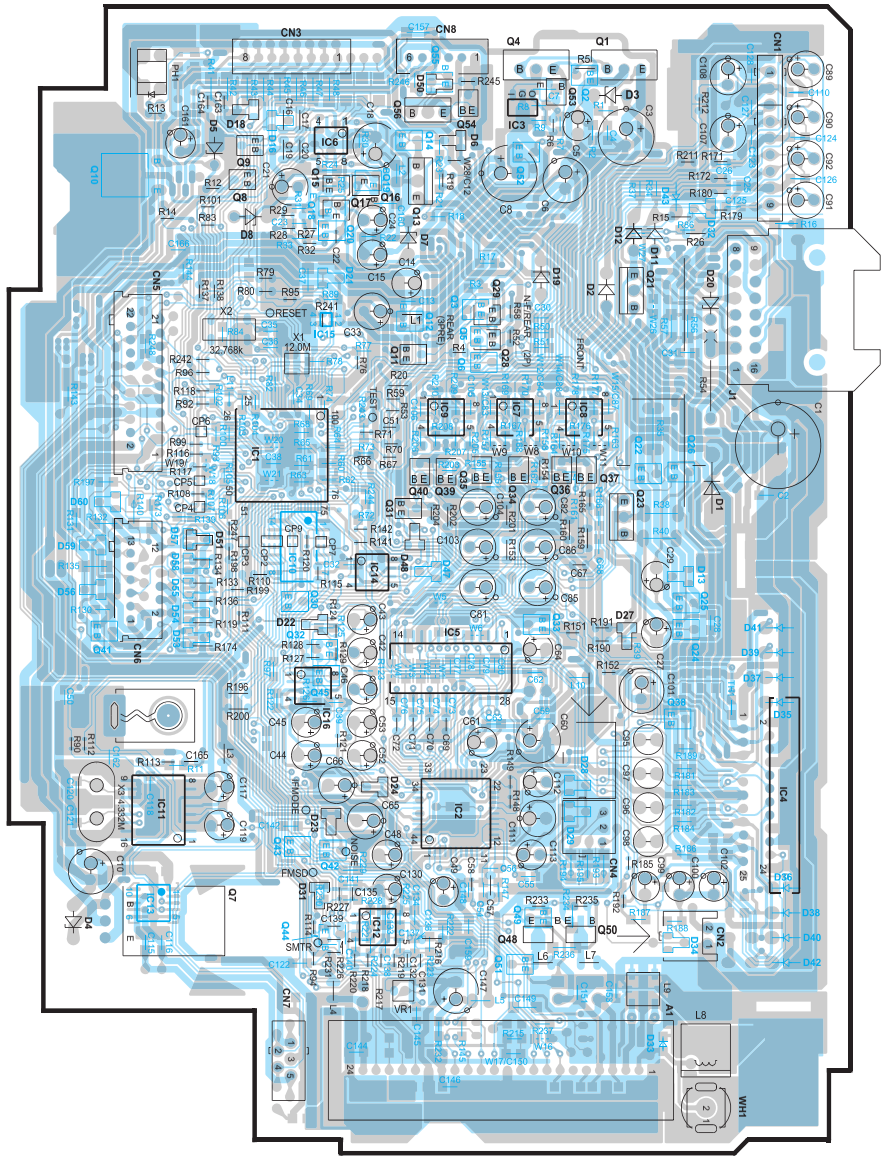
X13-9710-10 (J74-0983-12)



PC BOARD (Component Side View)

ELECTRIC UNIT

X25-8462-70/8470-10 (J74-1000-12)



ELECTRIC UNIT (X25-84XX-XX)

Ref. NO.		Address
IC	Q	
1		3F
2		5G
3		1H
4		5I
5		4G
6		2G
7		3H
8		3H
10		4G
11		5F
12		5G
13		5F
14		4G
15		3G
16		4G
	1	1H
	2	1H
	3	2G
	4	1H
	5	3G
	6	3G
	7	5F
	9	2F
	11	3G
	12	3G
	13	2G
	15	2G
	17	2G
	18	2G
	19	2G
	20	2G
	21	2H
	22	3H
	23	3H
	24	4H
	25	4H
	26	3H
	28	3G
	29	2G
	30	4G
	31	3G
	32	4G
	33	4H
	34	3H
	35	3G
	36	3H
	37	3H
	38	4H
	41	4F
	42	5G
	43	5G
	44	5G
	45	4G
	48	5H
	49	5H
	50	5H
	51	6H
	52	2H
	53	1H
	54	1G
	55	1G
	56	1G

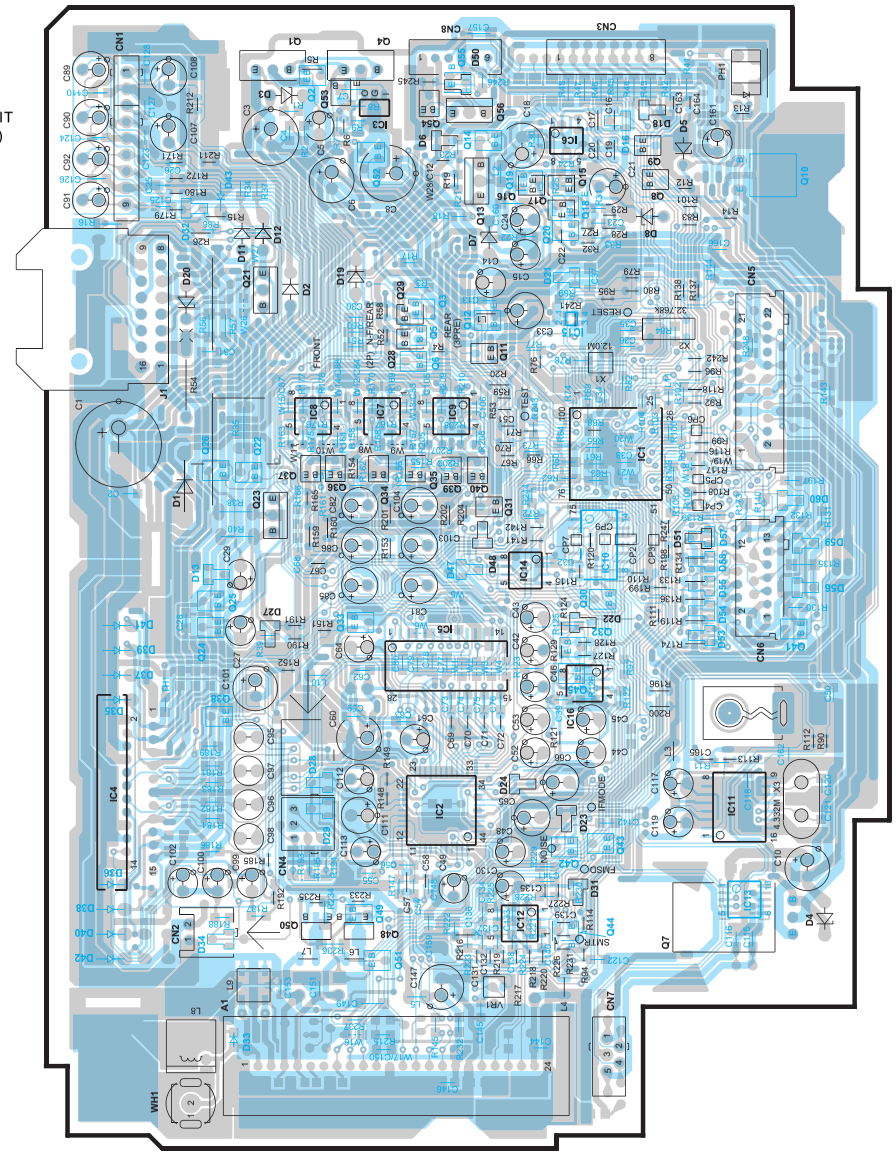
ELECTRIC UNIT (X25-84XX-XX)

Ref. NO.		Address
IC	Q	
1		3M
2		5L
3		1L
4		5K
5		4L
6		2M
7		3L
8		3L
10		4M
11		5N
12		5M
13		5N
14		4M
15		3M
16		4M
	1	1L
	2	1L
	3	2L
	4	1L
	5	3L
	6	3L
	7	5N
	9	2M
	11	3M
	12	3M
	13	2M
	15	2M
	17	2M
	18	2M
	19	2M
	20	2M
	21	2K
	22	3K
	23	3L
	24	4K
	25	4K
	26	3K
	28	3L
	29	2L
	30	4M
	31	3M
	32	4M
	33	4L
	34	3L
	35	3L
	36	3L
	37	3L
	38	4K
	41	4N
	42	5M
	43	5M
	44	5M
	45	4M
	48	5L
	49	5L
	50	5L
	51	6L
	52	2L
	53	1L
	54	1L
	55	1L
	56	1L

PC BOARD (Foil Side View)

ELECTRIC UNIT

X25-8462-70/8470-10 (J74-1000-12)



Refer to the schematic diagram for the values of resistors and capacitors.

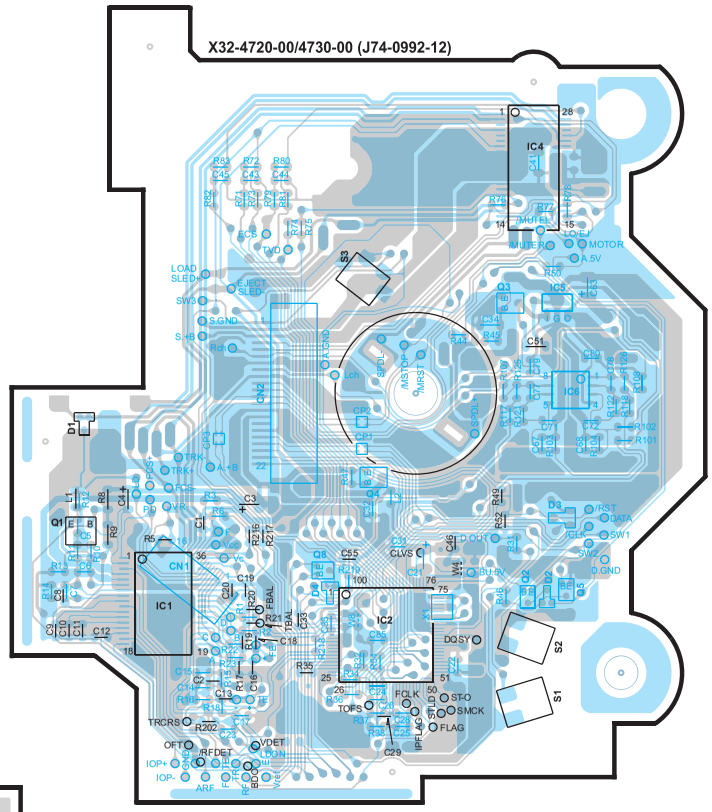
PC BOARD (Component Side View)

CD PLAYER UNIT
(X32-473X-XX)

Ref. NO. IC	Ref. NO. Q	Address
1		4P
2		4Q
4		2R
5		3R
6		3R
	1	4P
	2	4R
	3	3R
	4	4Q
	5	4R
	8	4Q

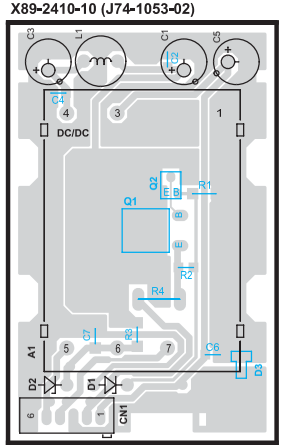
CD PLAYER UNIT

X32-4720-00/4730-00 (J74-0992-12)



DAUGHTER UNIT

X89-2410-10 (J74-1053-02)



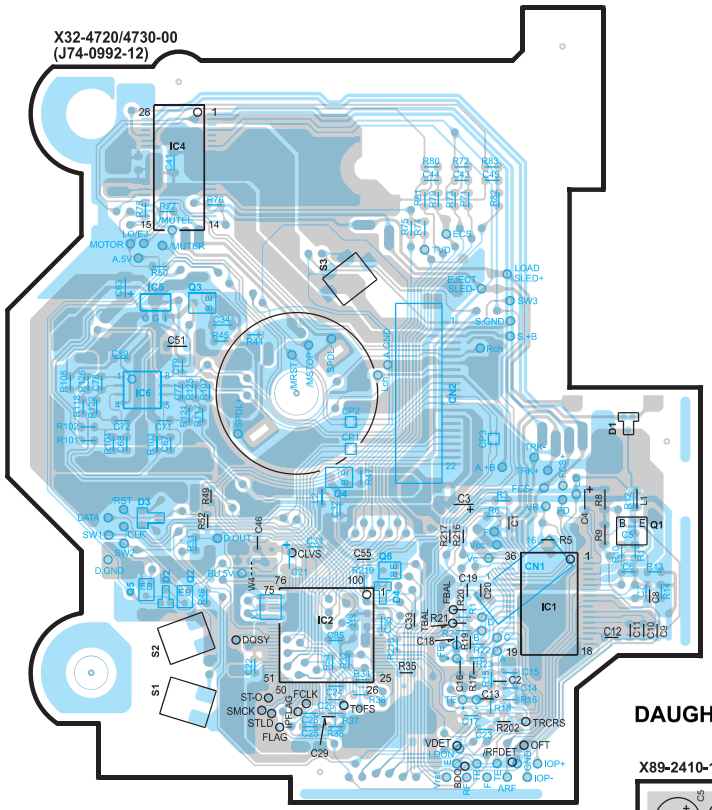
DAUGTER UNIT
(X89-241X-XX)

Ref. NO. IC	Ref. NO. Q	Address
	1	6O
	2	6O

PC BOARD (Foil Side View)

CD PLAYER UNIT

X32-4720/4730-00
(J74-0992-12)

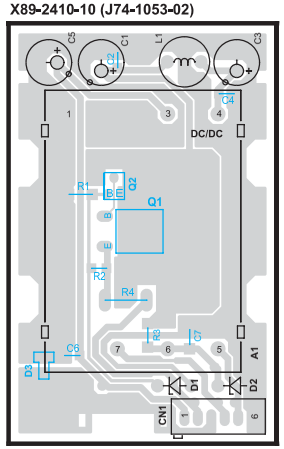


CD PLAYER UNIT
(X32-473X-XX)

Ref. NO. IC	Ref. NO. Q	Address
1		4V
2		4U
4		2T
5		3T
6		3T
	1	4V
	2	4T
	3	3T
	4	4U
	5	4T
	8	4U

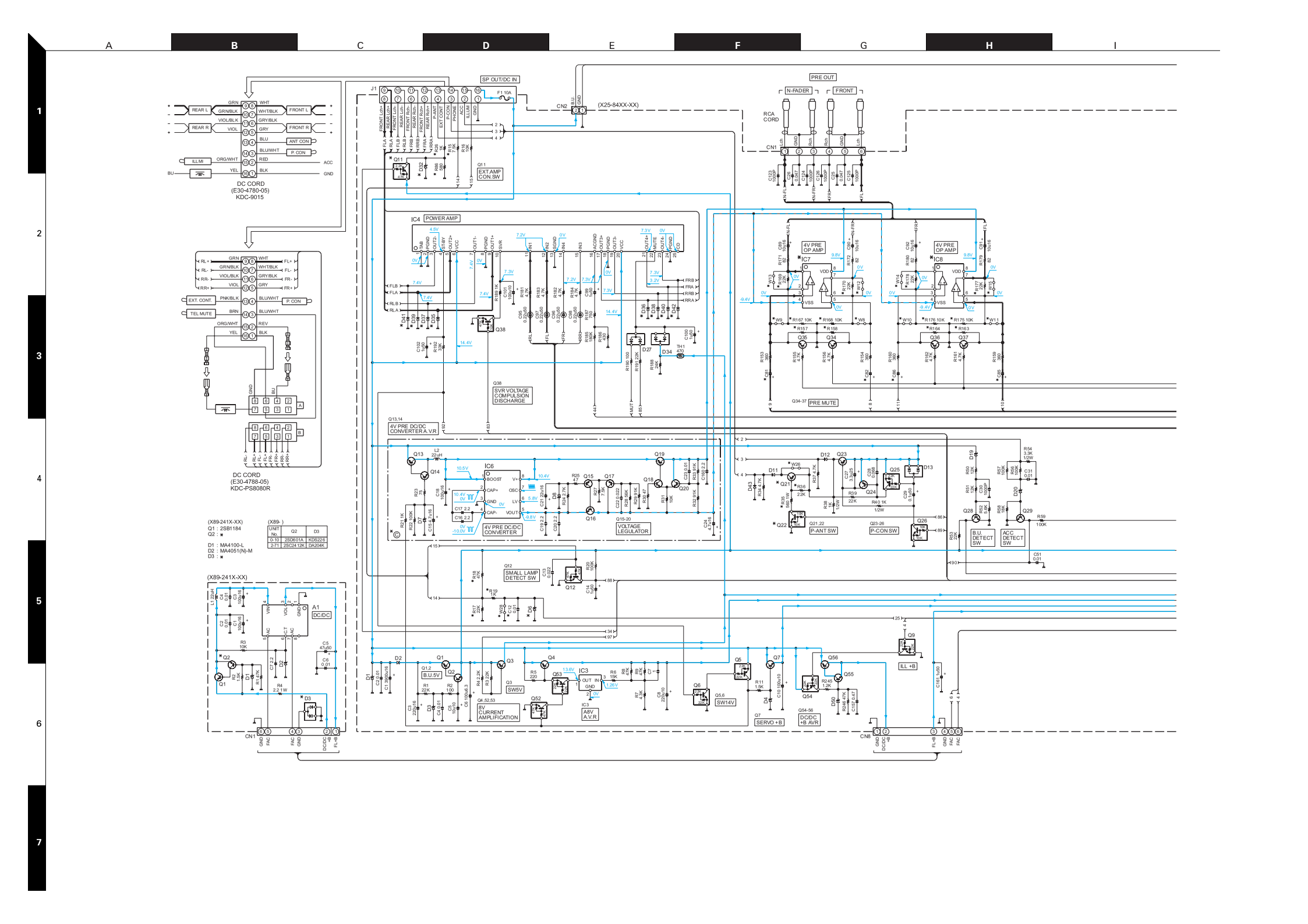
DAUGHTER UNIT

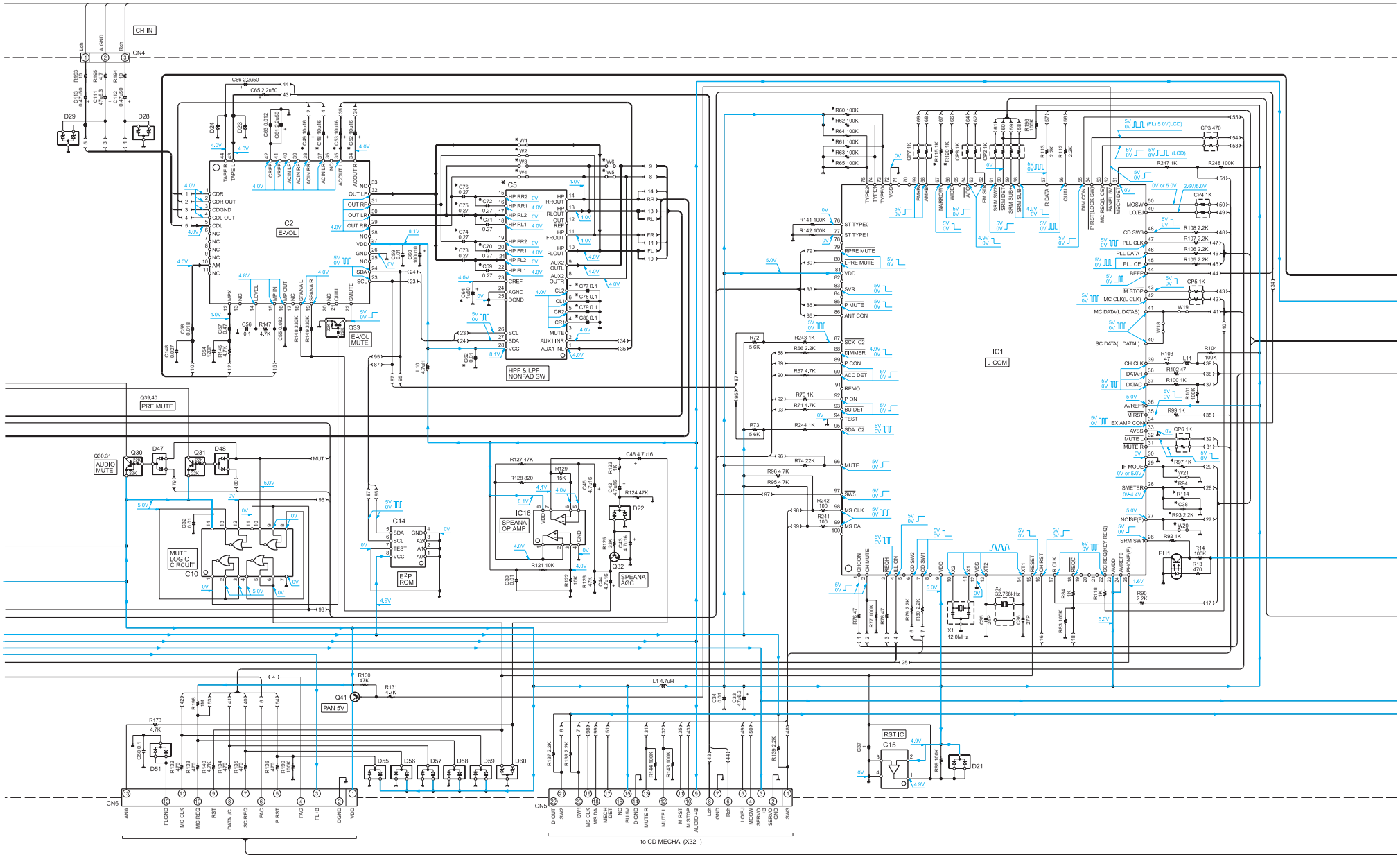
X89-2410-10 (J74-1053-02)



DAUGTER UNIT
(X89-241X-XX)

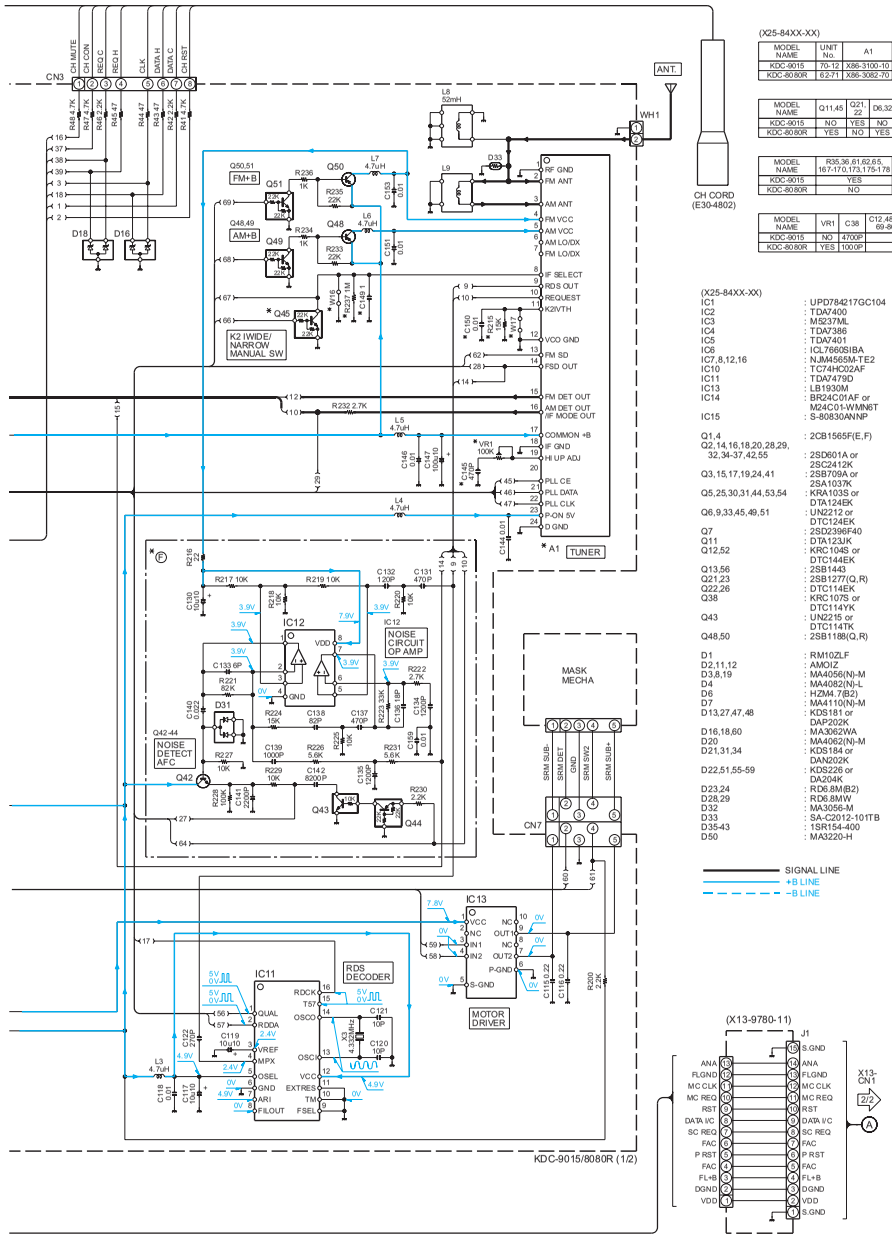
Ref. NO. IC	Ref. NO. Q	Address
	1	6W
	2	6W


SP OUT/DC IN
PRE OUT
N-FADER
FRONT
RCA CORD
(X25-84XX-XX)
DC CORD (E30-4780-05) KDC-9015
DC CORD (E30-4788-05) KDC-PS8080R
IC4 POWER AMP
4V PRE OP AMP
IC7
IC8
Q34-37 PRE MUTE
Q38 SVR VOLTAGE COMPULSION DISCHARGE
Q13,14 4V PRE DC/DC CONVERTER A.VR
IC6
4V PRE DC/DC CONVERTER
Q15-20 VOLTAGE LEGULATOR
Q21,22 P-ANT SW
Q23-26 P-CON SW
B.U DETECT SW
ACC DETECT SW
Q12 SMALL LAMP DETECT SW
Q4,52,53 8V CURRENT AMPLIFICATION
IC3 A8V A.V.R
Q5,6 SW14V
Q7 SERVO +B
Q54-56 DC/DC +B AVR
ILL +B
(X89-241X-XX)
A1 DC/DC
(X89-241X-XX) Q1 : 2SB1184 Q2 : * D1 : MA4100-L D2 : MA4051(N)-M D3 : *
(X89-) UNIT No. 0-10 2-71 Q2 2SD601A 2SC2412K D3 KDS226 DA204K



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to, parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.



(X25-84XX-XX)

MODEL NAME	UNIT No.	A1	Ⓒ	Ⓕ	IC5	IC7,8
KDC-9015	70-12	X86-3100-10	YES	NO	NO	YES
KDC-8080R	62-71	X86-3082-70	NO	YES	YES	NO

MODEL NAME	Q11,45	Q21 22	D6,32	D35-42	R15,17-19,2-6,60,63,64,86, 93,97,115,120,215,237
KDC-9015	NO	YES	NO	YES	NO
KDC-8080R	YES	NO	YES	NO	YES

MODEL NAME	R35,36,61,62,65, 167-170,173,175-178	R94	R114
KDC-9015	YES	22K	160K
KDC-8080R	NO	27K	120K

MODEL NAME	VR1	C38	C12,48,49,52,53,62,64, 69-80,145,149,150	C81,82, 85,86	W1-6,16,17, 20,21,28	W8-15, 26,27
KDC-9015	NO	4700P	NO	2.2u16	YES	NO
KDC-8080R	YES	1000P	YES	10u16	NO	YES

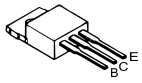
(X25-84XX-XX)

IC1	: UPD78417GC104
IC2	: TDA7400
IC3	: M5237ML
IC4	: TDA7386
IC5	: TDA7401
IC6	: ICL7660SIBA
IC7,8,12,16	: NJM4565M-TE2
IC10	: TC74HC02AF
IC11	: TDA7479D
IC13	: LB1930M
IC14	: BR24C01AF or M24C01-WMN6T
IC15	: S-80830ANNP
Q1,4	: 2CB1565F(E,F)
Q2,14,16,18,20,28,29, 32,34-37,42,55	: 2SD601A or 2SC2412K
Q3,15,17,19,24,41	: 2SB709A or 2SA1037K
Q5,25,30,31,44,53,54	: KRA103S or DTA124EK
Q6,9,33,45,49,51	: UN2212 or DTC124EK
Q7	: 2SD2396F40
Q11	: DTA123JK
Q12,52	: KRC104S or DTC144EK
Q13,56	: 2SB1443
Q21,23	: 2SB1277(Q,R)
Q22,26	: DTC114EK
Q38	: KRC107S or DTC114YK
Q43	: UN2215 or DTC114TK
Q48,50	: 2SB1188(Q,R)
D1	: RM10ZLF
D2,11,12	: AMOIZ
D3,8,19	: MA4056(N)-M
D4	: MA4082(N)-L
D6	: HZM4.7(B2)
D7	: MA4110(N)-M
D13,27,47,48	: KDS181 or DAP202K
D16,18,60	: MA3062WA
D20	: MA4062(N)-M
D21,31,34	: KDS184 or DAN202K
D22,51,55-59	: KDS226 or DA204K
D23,24	: RD6.8M(B2)
D28,29	: RD6.8MW
D32	: MA3056-M
D33	: SA-C2012-10TB
D35-43	: 1SR154-400
D50	: MA3220-H

SIGNAL LINE
+B LINE
−B LINE

(X13-9780-11)

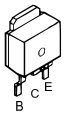
2SB1565



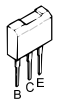
DTA114YK
DTA123JK
DTA124EK
DTA144EK
DTC114EK
DTC114TK
DTC114YK
DTC124EK
DTC144EK
2SA1362
2SB709A
2SC2412K

2SB1188

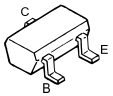
2SB1184



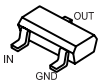
2SB1277
2SB1443



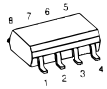
2SA1037K



DTC124EUA



NJM4565M-TE2
NJM4565MD

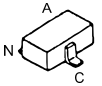


DAN202K
DAN202U

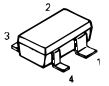
TA78L05F

DAP202K
DA204K

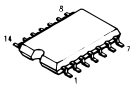
RD6.8M



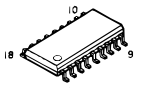
DA227



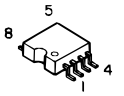
TC74HC02AF



BA3830F

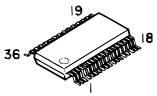


BR24C01AF

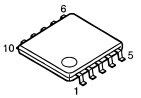


M5237ML

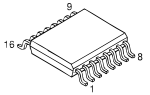
AN8806SB



LB1930M



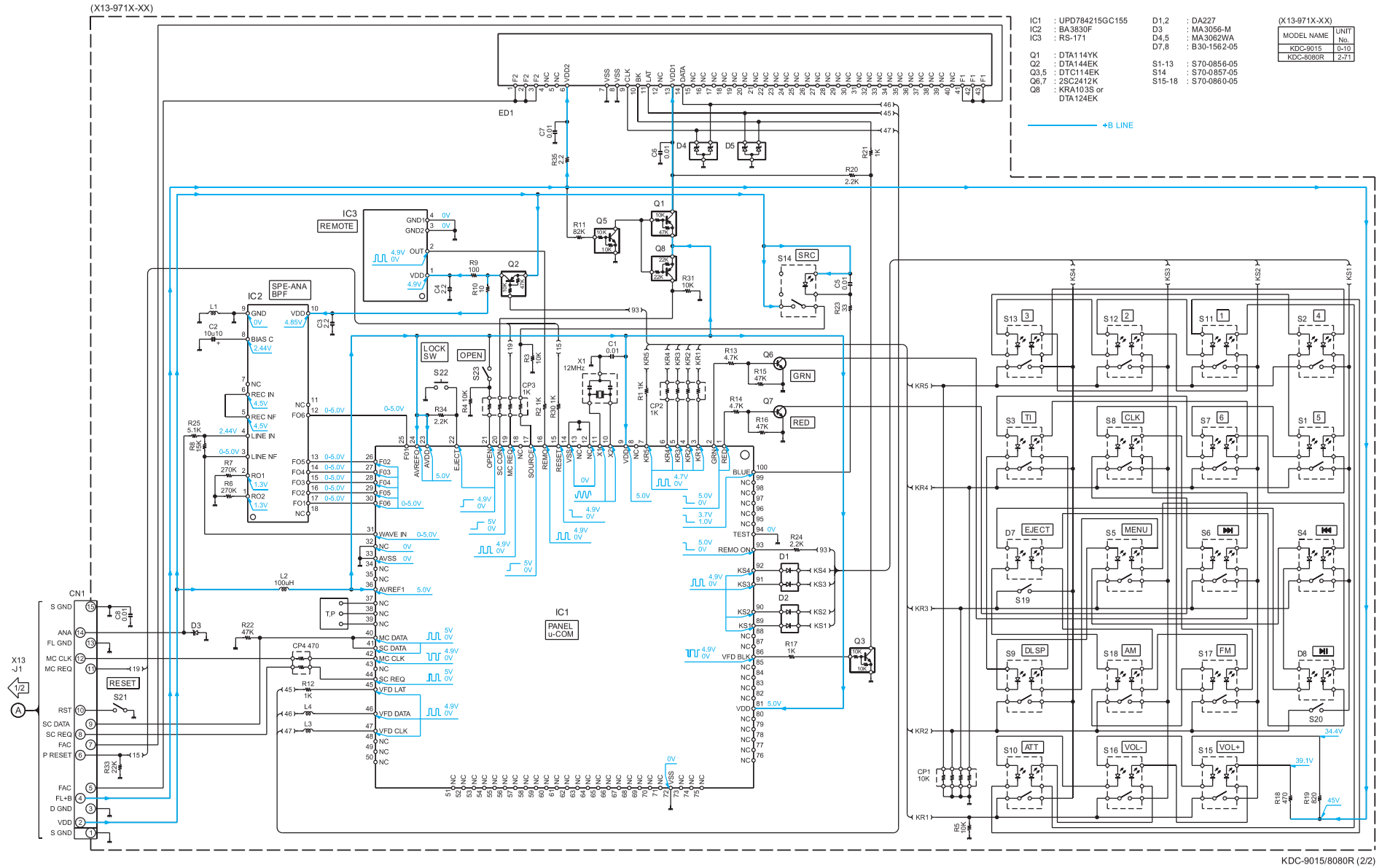
TDA7479D



1/2

KDC-9015/8080R

KENWOOD



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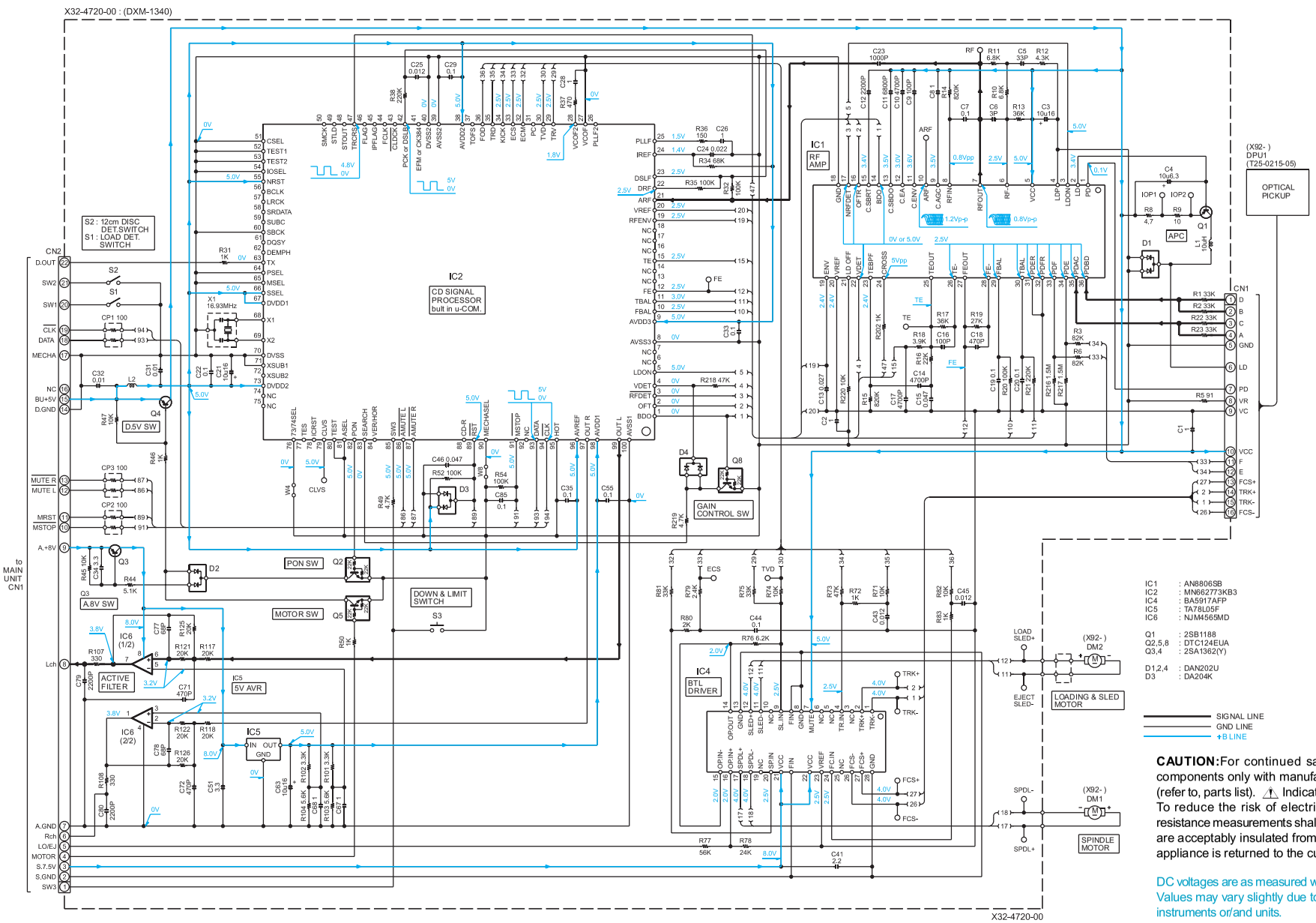

IC1 : AN8806SB
IC2 : MN662773KB3
IC4 : BA5917AFP
IC5 : TA78L05F
IC6 : NJM4565MD

Q1 : 2SB1188
Q2,5,8 : DTC124EUA
Q3,4 : 2SA1362(Y)

D1,2,4 : DAN202U
D3 : DA204K

SIGNAL LINE
GND LINE
+B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to, parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

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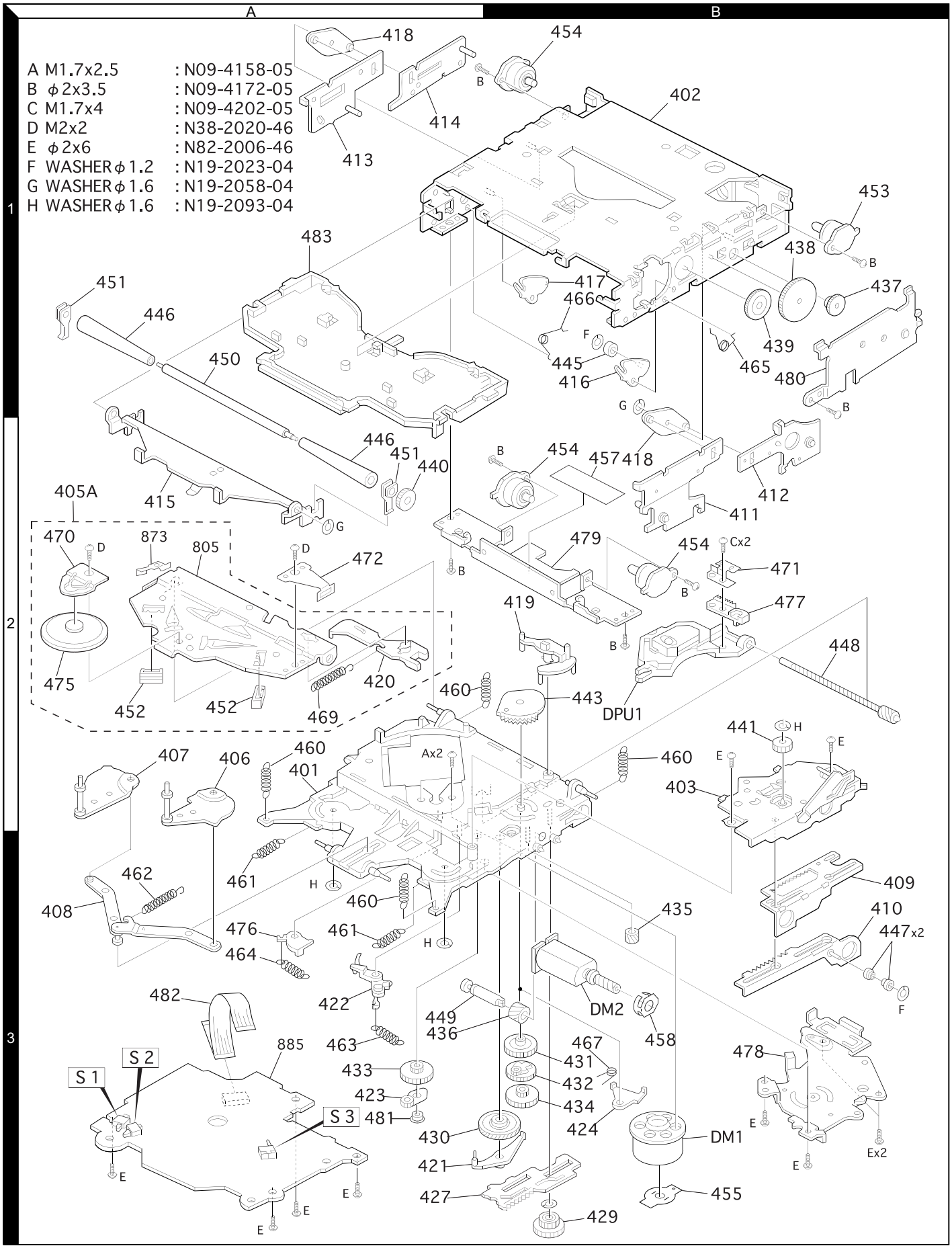
CD MECHANISM

KDC-9015/8080R

KENWOOD

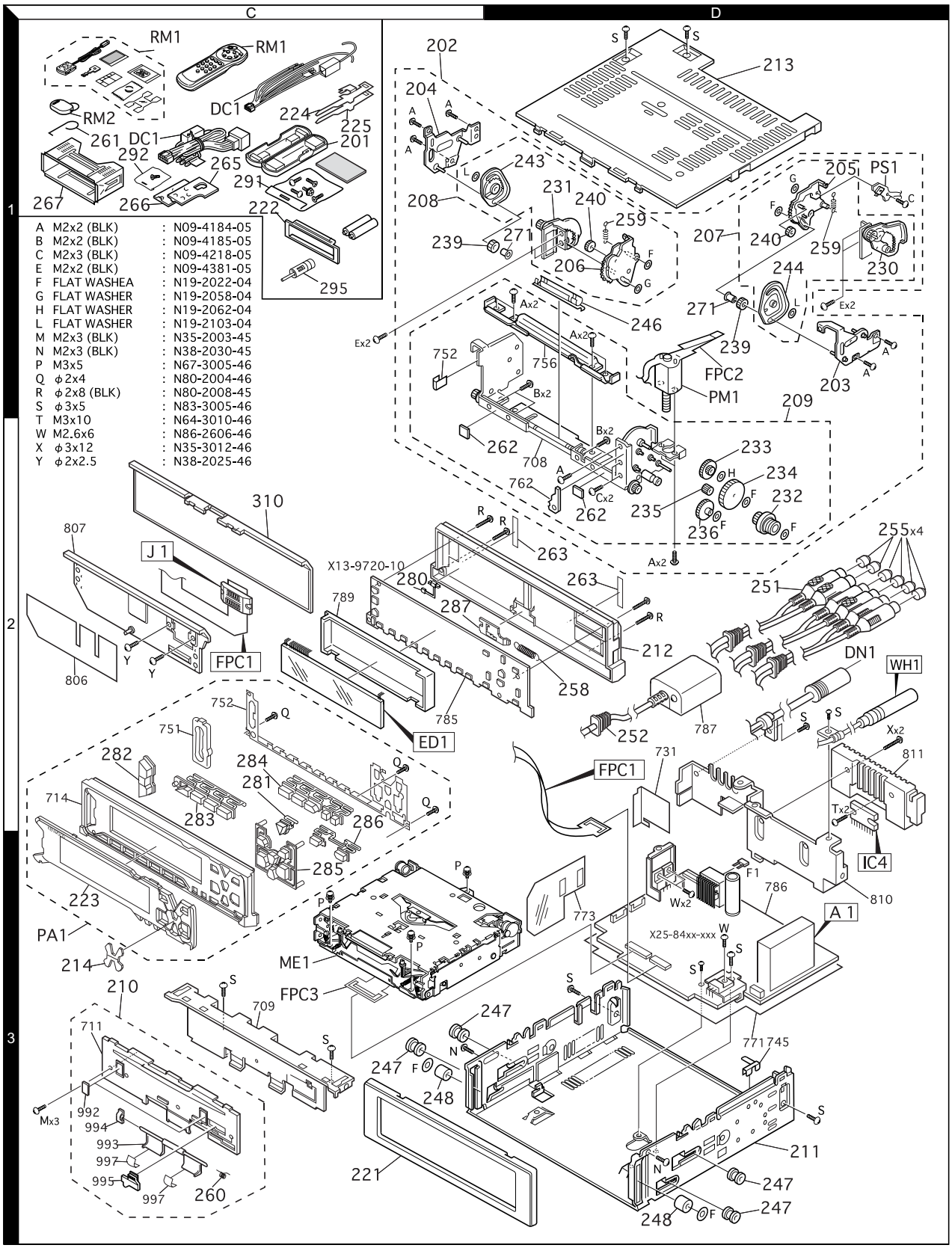
EXPLODED VIEW (CD MECHANISM)



Parts with exploded numbers larger than 700 are not suppied.

KDC-9015/8080R

EXPLODED VIEW (UNIT)



Parts with exploded numbers larger than 700 are not suppied.

PARTS LIST

∗ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohane Parts No. werden nicht geliefert.

Ref.No.	Add	New	Parts No.	Description	Destination
KDC-9015/8080R					
201	1C		A02-1489-03	PLASTIC CABINET ASSY	
202	1C		A10-4671-02	CHASSIS ASSY	
203	1D		A10-4315-04	CHASSIS CALKING ASSY	
204	1C		A10-4317-04	CHASSIS CALKING ASSY	
205	1D		A10-4319-04	CHASSIS CALKING ASSY	
206	1D		A10-4321-04	CHASSIS CALKING ASSY	
207	1D		A10-4674-02	CHASSIS ASSY	
208	1D		A10-4676-02	CHASSIS ASSY	
209	1D		A10-4534-23	CHASSIS ASSY	
210	3C		A22-2296-43	SUB PANEL ASSY	
211	3D		A10-4666-03	CHASSIS ASSY	K
211	3D		A10-4667-03	CHASSIS ASSY	E
212	2D		A46-1652-01	REAR COVER	
213	1D		A52-0742-12	TOP PLATE	
214	3C		A21-4010-03	DRESSING PANEL	
PA1	2C	*	A64-1865-02	PANEL ASSY	E
PA1	2C	*	A64-1869-02	PANEL ASSY	K
RM1	1C		A70-0874-05	REMOTE CONTROLLER ASSY	E
RM1	1C		A70-0883-05	REMOTE CONTROLLER ASSY	K
RM2	1C		A70-0886-15	REMOTE CONTROLLER ASSY	E
221	3C		B07-2139-03	ESCUTCHEON ASSY	
222	1C		B07-2183-02	ESCUTCHEON	K
223	2C	*	B10-3104-01	FRONT GLASS	E
223	2C	*	B10-3109-01	FRONT GLASS	K
-			B46-0100-50	WARRANTY CARD	
-			B46-0606-04	ID CARD	K
-			B46-0632-04	ID CARD	E
-			B58-1278-04	CAUTION CARD	
-			B58-1309-04	CAUTION CARD	
-			B58-1321-14	CAUTION CARD	
-			B59-0742-00	SUB-INSTRUCTION MANUAL	
-			B64-1601-00	INSTRUCTION MANUAL E	K
-			B64-1602-00	INSTRUCTION MANUAL F,S	K
-			B64-1605-00	INSTRUCTION MANUAL E	E
-			B64-1606-00	INSTRUCTION MANUAL F,G,D	E
-			B64-1607-00	INSTRUCTION MANUAL I,S,P	E
224	1C		D10-4301-14	LEVER	
225	1C		D10-4302-14	LEVER	
230	1D		D10-4448-03	ARM ASSY	
231	1D		D10-4449-04	ARM ASSY	
232	2D		D13-1302-64	GEAR ASSY	
233	2D		D13-1306-24	GEAR	
234	2D		D13-1403-03	GEAR	
235	2D		D13-1404-04	GEAR	
236	2D		D13-1453-14	GEAR ASSY	
239	1D		D13-1312-34	GEAR	
240	1D		D13-1313-04	GEAR	
243	1D		D13-1456-13	GEAR ASSY	
244	1D		D13-1455-13	GEAR ASSY	
246	1D		D14-0678-04	ROLLER ASSY	
247	3D		D14-0723-04	ROLLER	
248	3D		D14-0716-14	ROLLER	

Ref.No.	Add	New	Parts No.	Description	Destination
251	2D		E30-4797-05	CORD WITH PINPULUG	K
251	2D		E30-4799-05	CORD WITH PINPLUG	E
252	2D		E30-4706-05	CORD WITH CONNECTOR	
⚠ DC1	1C		E30-4780-05	DC CORD	K
⚠ DC1	1C		E30-4788-05	DC CORD	E
DN1	2D		E30-4802-05	CORD WITH DIN CONNECTOR	
255	2D		F29-0049-05	INSULATING COVER	
⚠ F1	2D		F52-0006-05	FUSE(MINI BLADE TYPE)	
258	2D		G01-2984-04	EXTENSION SPRING	
259	1D		G01-2818-24	EXTENSION SPRING	
260	3C		G01-2920-14	TORSION COIL SPRING	
261	1C		G01-2924-04	TORSION COIL SPRING	
262	1D		G11-1850-04	CUSHION	
263	2D		G16-1147-04	SHEET	
-			H10-4704-02	POLYSTYRENE FOAMED FIXTURE	
-			H21-1123-04	PROTECTION SHEET	
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-			H25-1108-04	PROTECTION BAG (100X300X0.03)	
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	
-		*	H54-1654-03	ITEM CARTON CASE	K
-		*	H54-1663-03	ITEM CARTON CASE	E
265	1C		J19-4875-04	BRACKET	K
266	1C		J19-4876-04	BRACKET	K
267	1C		J21-9491-03	MOUNTING HARDWARE ASSY	
271	1D		J31-1035-24	COLLAR	
FPC2	1D		J84-0062-23	FLEXIBLE PRINTED WIRING BOARD	
FPC3	3C		J84-0066-13	FLEXIBLE PRINTED WIRING BOARD	
280	2C		K24-3540-03	KNOB OPEN	
281	2C		K24-3541-04	KNOB SRC	
282	2C		K25-1095-03	KNOB VOL	
283	2C		K25-1096-03	KNOB 1-3	
284	2C		K25-1097-03	KNOB 4-6	
285	2C		K25-1098-03	KNOB FM/AM	
286	2C		K25-1099-03	KNOB CLK	
287	2D		K29-7010-04	KNOB ASSY LOCK	
291	1C		N99-1652-05	SCREW SET	K
292	1C		N99-1683-05	SCREW SET	
A	1D		N09-4184-05	MACHINE SCREW (M2X2)	
B	1D		N09-4185-05	MACHINE SCREW (M2X2)	
C	1D		N09-4218-05	MACHINE SCREW (M2X3)	
D	1D		N09-4340-05	MACHINE SCREW (M2X2.)	
E	1D		N09-4381-05	MACHINE SCREW (M2X2)	
F	2D		N19-2022-04	FLAT WASHER	
G	2D		N19-2058-04	FLAT WASHER	
H	1D		N19-2062-04	FLAT WASHER	
J	1D		N19-2085-04	FLAT WASHER	
K	1D		N19-2095-04	FLAT WASHER	
L	1D		N19-2103-04	FLAT WASHER	
M	3C		N35-2003-45	BINDING HEAD MACHINE SCREW	
N	3C		N38-2030-45	PAN HEAD MACHIN SCREW	
P	3C		N67-3005-46	PAN HEAD SEMS SCREW	

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KDC-9015/8080R

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KDC-9015/8080R
SWITCH UNIT (X13-971X-XX)
SUB CIRCUIT (X13-978X-XX)
ELECTRIC UNIT (X25-84XX-XX)

Ref.No.	Add	New	Parts No.	Description	Destination
Q	2C		N80-2004-46	PAN HEAD TAPTITE SCREW	
R	2C		N80-2008-45	PAN HEAD TAPTITE SCREW	
S	1D		N83-3005-46	PAN HEAD TAPTITE SCREW	
PS1	1D		S68-0829-05	PUSH SWITCH	
295	1C		T90-0523-05	ANTENNA ADAPTOR	E
PM1	1D		T42-0752-34	MOTOR ASSY	
ME1	3C		X92-3700-00	MECHANISM ASSY	
SWITCH UNIT (X13-971X-XX)					
D7 ,8			B30-1562-05	LED	
C1			CK73FB1H103K	CHIP C 0.010UF K	
C2			C92-0628-05	CHIP-TAN 10UF 10WV	
C3 ,4			CK73EB1C225K	CHIP C 2.2UF K	
C5			CK73FB1H103K	CHIP C 0.010UF K	
C6			CK73EB1C225K	CHIP C 2.2UF K	
C8			CK73FB1H103K	CHIP C 0.010UF K	
CN1			E59-0833-05	RECTANGULAR PLUG	
L1			L92-0302-05	CHIP FERRITE	
L2			L40-1015-34	SMALL FIXED INDUCTOR	
L3 ,4			L33-0385-05	SMALL FIXED INDUCTOR	
X1			L78-0683-05	RESONATOR	
CP1			R90-0714-05	MULTI-COMP 10K X4	
CP2 ,3			R90-0724-05	MULTI-COMP 1K X4	
CP4			R90-1022-05	MULTI-COMP 470 X2	
R1 ,2			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R3 -5			RK73FB2A103J	CHIP R 10K J 1/10W	
R6 ,7			RK73FB2A274J	CHIP R 270K J 1/10W	
R8			RK73FB2A153J	CHIP R 15K J 1/10W	
R9			RK73FB2A101J	CHIP R 100 J 1/10W	
R10			RK73FB2A100J	CHIP R 10 J 1/10W	
R11			RK73FB2A823J	CHIP R 82K J 1/10W	
R12			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R13 ,14			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R15 ,16			RK73FB2A473J	CHIP R 47K J 1/10W	
R17			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R18			R92-1215-05	CHIP R 470 J 1/2W	
R19			R92-2023-05	CHIP R 820 J 1/2W	
R20			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R21			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R22			RK73FB2A473J	CHIP R 47K J 1/10W	
R23			RK73EB2B330J	CHIP R 33 J 1/8W	
R24			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R25			RK73FB2A512J	CHIP R 5.1K J 1/10W	
R30			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R31			RK73FB2A103J	CHIP R 10K J 1/10W	
R33			RK73FB2A223J	CHIP R 22K J 1/10W	
R34			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R35			RK73FB2A2R2J	CHIP R 2.2 J 1/10W	
S1 -13			S70-0856-05	TACT SWITCH	
S14			S70-0857-05	TACT SWITCH	
S15 -18			S70-0860-05	TACT SWITCH	
S19 -21			S70-0851-05	TACT SWITCH	
S22			S68-0822-05	PUSH SWITCH	
S23			S70-0864-05	TACT SWITCH	
D1 ,2			DA227	DIODE	
D3			MA3056-M	ZENER DIODE	
D4 ,5			MA3062WA	ZENER DIODE	
ED1	2C		CN1914M	FLUORESCENT INDICATOR TUBE	
IC1			UPD784215GC155	MI-COM IC	
IC2			BA3830F	ANALOGUE IC	
IC3			RS-171	ANALOGUE IC	
Q1			DTA114YK	DIGITAL TRANSISTOR	
Q2			DTA144EK	DIGITAL TRANSISTOR	
Q3			DTC114EK	DIGITAL TRANSISTOR	
Q5			DTC114EK	DIGITAL TRANSISTOR	
Q6 ,7			2SC2412K	TRANSISTOR	
Q8			DTA124EK	DIGITAL TRANSISTOR	
SUB CIRCUIT (X13-978X-XX)					
310	2C		B03-3057-02	DRESSING PLATE	
J1			E58-0895-05	RECTANGULAR RECEPTACLE	
FPC1	2C		J84-0106-02	FLEXIBLE PRINTED WIRING BOARD	
Y	2C		N38-2025-46	PAN HEAD MACHIN SCREW	
ELECTRIC UNIT (X25-84XX-XX)					
C1			C90-2822-05	ELECTRO 3900UF 16WV	
C2 ,4,12			CK73FB1H103K	CHIP C 0.010UF K	
C3			C90-2926-05	ELECTRO 220UF 16WV	
C5			C90-2594-05	ELECTRO 10UF 10WV	
C6			CE04CW0J101M	ELECTRO 100UF 6.3WV	
C7 ,37			CK73EB1C105K	CHIP C 1.0UF K	
C8			CE04CW1A221M	ELECTRO 220UF 10WV	
C10			CE04CW1A101M	ELECTRO 100UF 10WV	
C13 ,22			CK73FB1H223K	CHIP C 0.022UF K	
C14			C90-2608-05	ELECTRO 1.0UF 50WV	
C15 ,24			C90-2595-05	ELECTRO 4.7UF 16WV	K
C16,17,19,20			CK73FB1C225K	CHIP C 2.2UF K	K
C18			C90-2962-05	ELECTRO 100UF 16WV	K
C21			CE04CW1C220M	ELECTRO 22UF 16WV	K
C22			CK73FB1H103K	CHIP C 0.010UF K	K
C25 ,26			CK73FB1E473K	CHIP C 0.047UF K	
C27			C90-2598-05	ELECTRO 3.3UF 25WV	
C28			CK73FB1E683K	CHIP C 0.068UF K	
C29			C90-2602-05	ELECTRO 0.10UF 50WV	
C30 ,38			CK73FB1H102K	CHIP C 1000PF K	
C31 ,32			CK73FB1H103K	CHIP C 0.010UF K	
C33			CE04CW0J470M	ELECTRO 47UF 6.3WV	
C34 ,39			CK73FB1H103K	CHIP C 0.010UF K	
C35			CC73FCH1H240J	CHIP C 24PF J	
C36			CC73FCH1H270J	CHIP C 27PF J	
C42 -46			C90-2595-05	ELECTRO 4.7UF 16WV	
C48 ,49			C90-2597-05	ELECTRO 10UF 16WV	
C50			CK73FB1C104K	CHIP C 0.10UF K	
C51			CK73FB1H103K	CHIP C 0.010UF K	
C52 ,53			C90-2597-05	ELECTRO 10UF 16WV	

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ELECTRIC UNIT (X25-84XX-XX)

Ref.No.	Add	New	Parts No.	Description	Destination
C54			CC73FCH1H121J	CHIP C 120PF J	
C55			CK73FB1C823K	CHIP C 0.082UF K	
C56			CK73FB1C104K	CHIP C 0.10UF K	
C57			CK73EB1C474K	CHIP C 0.47UF K	
C58			CK73GB1E183K	CHIP C 0.018UF K	
C59			CK73FB1H103K	CHIP C 0.010UF K	
C60			CE04CW1A101M	ELECTRO 100UF 10WV	
C61			C90-2610-05	ELECTRO 2.2UF 50WV	
C62			CK73FB1H103K	CHIP C 0.010UF K	
C63			C93-1054-05	CHIP C 0.012UF K	
C64			C90-2608-05	ELECTRO 1.0UF 50WV	
C65 ,66			C90-2610-05	ELECTRO 2.2UF 50WV	
C69 -76			CK73FB1C274K	CHIP C 0.27UF K	
C77 -80			CK73FB1C104K	CHIP C 0.10UF K	
C81 ,82			C90-2597-05	ELECTRO 10UF 16WV	
C85 ,86			C90-2597-05	ELECTRO 10UF 16WV	
C89 -92			C90-2597-05	ELECTRO 10UF 16WV	
C95 -98			C90-5296-05	ELECTRO 0.22UF 50WV	
C99			C90-2935-05	ELECTRO 1.0UF 50WV	
C100			C90-2608-05	ELECTRO 1.0UF 50WV	
C101			CE04CW1A101M	ELECTRO 100UF 10WV	
C102			C90-2608-05	ELECTRO 1.0UF 50WV	
C111			CE04CW0J470M	ELECTRO 47UF 6.3WV	
C112,113			C90-2606-05	ELECTRO 0.47UF 50WV	
C115,116			CK73FB1C224K	CHIP C 0.22UF K	
C117			C90-2594-05	ELECTRO 10UF 10WV	
C118			CK73FB1H103K	CHIP C 0.010UF K	
C119			C90-2594-05	ELECTRO 10UF 10WV	
C120,121			CC73FCH1H100D	CHIP C 10PF D	
C122			CC73FCH1H271J	CHIP C 270PF J	
C123-126			CC73FSL1H102J	CHIP C 1000PF J	
C130			C90-2594-05	ELECTRO 10UF 10WV	
C131			CK73GB1H471K	CHIP C 470PF K	
C132			CC73FCH1H121J	CHIP C 120PF J	
C133			CC73FCH1H060D	CHIP C 6.0PF D	
C134			CC73FSL1H122J	CHIP C 1200PF J	
C135			CK73GB1H122K	CHIP C 1200PF K	
C136			CC73FCH1H180J	CHIP C 18PF J	
C137			CC73FCH1H471J	CHIP C 470PF J	
C138			CC73FCH1H820J	CHIP C 82PF J	
C139			CC73FSL1H102J	CHIP C 1000PF J	
C140			CK73FB1H223K	CHIP C 0.022UF K	
C141			CC73FSL1H222J	CHIP C 2200PF J	
C142			CK73FB1H822K	CHIP C 8200PF K	
C144			CK73FB1H103K	CHIP C 0.010UF K	
C145			CC73FCH1H471J	CHIP C 470PF J	
C146			CK73FB1H103K	CHIP C 0.010UF K	
C147			CE04CW1A101M	ELECTRO 100UF 10WV	
C148			CK73FB1E273K	CHIP C 0.027UF K	
C149			CK73EB1C105K	CHIP C 1.0UF K	
C150,151			CK73FB1H103K	CHIP C 0.010UF K	
C153			CK73FB1H103K	CHIP C 0.010UF K	
C157			CK73EB1C474K	CHIP C 0.47UF K	
C159			CK73FB1H103K	CHIP C 0.010UF K	
C161			C90-2608-05	ELECTRO 1.0UF 50WV	

Ref.No.	Add	New	Parts No.	Description	Destination
CN1			E40-3241-05	PIN ASSY	
CN2			E40-3299-05	PIN ASSY	
CN3			E40-3252-05	PIN ASSY	
CN4			E40-3261-05	PIN ASSY	
CN5			E40-9550-05	FLAT CABLE CONNECTOR	
CN6			E40-9557-05	FLAT CABLE CONNECTOR	
CN7			E40-5029-05	FLAT CABLE CONNECTOR	
CN8			E40-3250-05	PIN ASSY	
J1			E58-0836-05	RECTANGULAR RECEPTACLE	
WH1	2D		E30-4440-05	CORD WITH PLUG	
L1			L40-4795-34	SMALL FIXED INDUCTOR	
L2 -7			L40-4795-34	SMALL FIXED INDUCTOR	
L8			L33-1039-05	LINE FILTER COIL	
L9			L39-1004-05	TRAP COIL	
L10			L40-4795-34	SMALL FIXED INDUCTOR	
L11			L92-0075-05	CHIP FERRITE	
X1			L78-0683-05	RESONATOR	
X2			L77-2738-05	CRYSTAL RESONATOR	
X3			L77-2002-05	CRYSTAL RESONATOR	
S	3D		N83-3005-46	PAN HEAD TAPTITE SCREW	
T	3D		N35-3010-46	BINDING HEAD MACHINE SCREW	
W	3D		N86-2606-46	BINDING HEAD TAPTITE SCREW	
X	3D		N83-3012-46	PAN HEAD TAPTITE SCREW	
CP2			R90-0724-05	MULTI-COMP 1K X4	
CP3			R90-1022-05	MULTI-COMP 470 X2	
CP4 -7			R90-0725-05	MULTI-COMP 1K X2	
CP9			R90-0725-05	MULTI-COMP 1K X2	
R1 ,3			RK73FB2A223J	CHIP R 22K J 1/10W	
R2			RK73FB2A101J	CHIP R 100 J 1/10W	
R4			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R5			RK73EB2B221J	CHIP R 220 J 1/8W	
R6			RK73FB2A153J	CHIP R 15K J 1/10W	
R7			R92-3032-05	CHIP R 4.3K D 1/10W	
R8 ,9			R92-3052-05	METAL GLAZE RESISTOR	
R11			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R13			RK73FB2A471J	CHIP R 470 J 1/10W	
R14			RK73GB1J104J	CHIP R 100K J 1/16W	
R15			RK73EB2B752J	CHIP R 7.5K J 1/8W	
R16			RK73EB2B103J	CHIP R 10K J 1/8W	
R17 ,36,39			RK73FB2A223J	CHIP R 22K J 1/10W	
R18			RK73FB2A473J	CHIP R 47K J 1/10W	
R19 ,21			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R20 ,22			RK73EB2B104J	CHIP R 100K J 1/8W	
R23			RK73FB2A750J	CHIP R 75 J 1/10W	
R24			RK73FB2A272J	CHIP R 2.7K J 1/10W	
R26			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R27			RK73GB1J752J	CHIP R 7.5K J 1/16W	
R28			RK73GB1J563J	CHIP R 56K J 1/16W	
R29 ,32			RK73GB1J913J	CHIP R 91K J 1/16W	
R31			RK73FB2A103J	CHIP R 10K J 1/10W	
R33			RK73FB2A913J	CHIP R 91K J 1/10W	
R34 ,37			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R35			R92-0366-05	CHIP R 560 J 1W	K
R38 ,40			R92-0365-05	CHIP R 1.0K J 1/2W	

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ELECTRIC UNIT (X25-84XX-XX)

Ref.No.	Add	New	Parts No.	Description	Destination
R41			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R42 ,46			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R43 -45			RK73EB2B470J	CHIP R 47 J 1/8W	
R47 ,48			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R50 ,51			RK73FB2A123J	CHIP R 12K J 1/10W	
R52			RK73FB2A562J	CHIP R 5.6K J 1/10W	
R53 ,74			RK73GB1J223J	CHIP R 22K J 1/16W	
R54			RD14DB2H332J	SMALL-RD 3.3K J 1/2W	
R56 ,57			RK73EB2B104J	CHIP R 100K J 1/8W	
R58			RK73FB2A183J	CHIP R 18K J 1/10W	
R59			RK73GB1J104J	CHIP R 100K J 1/16W	
R60 ,65,77			RK73FB2A104J	CHIP R 100K J 1/10W	
R63 ,64			RK73FB2A104J	CHIP R 100K J 1/10W	
R66			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R67 ,71			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R70			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R72 ,73			RK73FB2A562J	CHIP R 5.6K J 1/10W	
R76			RK73GB1J470J	CHIP R 47 J 1/16W	
R78 ,25,30			RK73FB2A470J	CHIP R 47 J 1/10W	
R79 ,80			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R83			RK73GB1J104J	CHIP R 100K J 1/16W	
R84			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R86			RK73FB2A561J	CHIP R 560 J 1/10W	
R89			RK73FB2A104J	CHIP R 100K J 1/10W	
R90			RK73GB1J222J	CHIP R 2.2K J 1/16W	
R92			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R93			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R94			RK73GB1J273J	CHIP R 27K J 1/16W	
R95 ,96			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R97			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R99			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R100			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R101			RK73GB1J104J	CHIP R 100K J 1/16W	
R102,103			RK73FB2A470J	CHIP R 47 J 1/10W	
R104			RK73FB2A104J	CHIP R 100K J 1/10W	
R105-107			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R108			RK73GB1J222J	CHIP R 2.2K J 1/16W	
R112,113			RK73GB1J222J	CHIP R 2.2K J 1/16W	
R114			RK73GB1J124J	CHIP R 120K J 1/16W	
R115			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R118			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R120			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R121			RK73GB1J103J	CHIP R 10K J 1/16W	
R122,167,168			RK73FB2A103J	CHIP R 10K J 1/10W	
R123			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R124			RK73GB1J473J	CHIP R 47K J 1/16W	
R125			RK73FB2A333J	CHIP R 33K J 1/10W	
R126,127			RK73FB2A473J	CHIP R 47K J 1/10W	
R128			RK73FB2A821J	CHIP R 820 J 1/10W	
R129			RK73GB1J153J	CHIP R 15K J 1/16W	
R130			RK73FB2A473J	CHIP R 47K J 1/10W	
R131			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R132-136			RK73EB2B471J	CHIP R 470 J 1/8W	
R137-139			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R140			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R141,142			RK73GB1J104J	CHIP R 100K J 1/16W	
R143,144			RK73FB2A104J	CHIP R 100K J 1/10W	
R145,147			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R148,149			RK73GB1J334J	CHIP R 330K J 1/16W	
R153,154			RK73EB2B361J	CHIP R 360 J 1/8W	
R155,156			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R157,158			RK73FB2A223J	CHIP R 22K J 1/10W	
R159,160			RK73EB2B361J	CHIP R 360 J 1/8W	
R161,162			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R163,164			RK73FB2A223J	CHIP R 22K J 1/10W	
R169,170			RK73FB2A223J	CHIP R 22K J 1/10W	
R171,172			RK73FB2A820J	CHIP R 82 J 1/10W	
R173			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R175,176			RK73FB2A103J	CHIP R 10K J 1/10W	
R179,180			RK73FB2A820J	CHIP R 82 J 1/10W	
R181-184			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R185			RK73GB1J184J	CHIP R 180K J 1/16W	
R186			RK73FB2A431J	CHIP R 430 J 1/10W	
R187			RK73FB2A751J	CHIP R 750 J 1/10W	
R188			RK73FB2A243J	CHIP R 24K J 1/10W	
R189			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R190			RK73FB2A101J	CHIP R 100 J 1/10W	
R191,177,178			RK73FB2A223J	CHIP R 22K J 1/10W	
R192			RK73GB1J333J	CHIP R 33K J 1/16W	
R193,194			RK73EB2B100J	CHIP R 10 J 1/8W	
R195			RK73EB2B4R7J	CHIP R 4.7 J 1/8W	
R196			RK73EB2B104J	CHIP R 100K J 1/8W	
R198			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R199			RK73GB1J104J	CHIP R 100K J 1/16W	
R200			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R215,224			RK73FB2A153J	CHIP R 15K J 1/10W	
R216			RK73EB2B220J	CHIP R 22 J 1/8W	
R217-219			RK73GB1J103J	CHIP R 10K J 1/16W	
R220,225			RK73FB2A103J	CHIP R 10K J 1/10W	
R221			RK73FB2A823J	CHIP R 82K J 1/10W	
R222			RK73FB2A272J	CHIP R 2.7K J 1/10W	
R223			RK73FB2A333J	CHIP R 33K J 1/10W	
R224			RK73FB2A153J	CHIP R 15K J 1/10W	
R226			RK73GB1J562J	CHIP R 5.6K J 1/16W	
R227			RK73GB1J103J	CHIP R 10K J 1/16W	
R228			RK73FB2A104J	CHIP R 100K J 1/10W	
R229			RK73FB2A103J	CHIP R 10K J 1/10W	
R230			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R231			RK73GB1J562J	CHIP R 5.6K J 1/16W	
R232			RK73FB2A272J	CHIP R 2.7K J 1/10W	
R233			RK73FB2A223J	CHIP R 22K J 1/10W	
R234			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R235			RK73FB2A223J	CHIP R 22K J 1/10W	
R236			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R237			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R241			RK73FB2A101J	CHIP R 100 J 1/10W	
R242			RK73GB1J101J	CHIP R 100 J 1/16W	
R243,244			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R245			RK73FB2A122J	CHIP R 1.2K J 1/10W	
R246			RK73FB2A473J	CHIP R 47K J 1/10W	

K: KDC-9015 **E:** KDC-8080R

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PARTS LIST

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ELECTRIC UNIT (X25-84XX-XX)

Ref.No.	Add	New	Parts No.	Description	Destination
R247			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R248			RK73FB2A104J	CHIP R 100K J 1/10W	
VR1			R32-0229-05	SEMI FIXED VARIABLE RESISTOR	E
W8 -15			R92-2052-05	CHIP R 0 J 1/10W	
W18 ,19			R92-2052-05	CHIP R 0 J 1/10W	
W26			R92-2052-05	CHIP R 0 J 1/10W	
PH1			T95-0231-05	OPTO ISOLATOR	
D1			RM10ZLF	DIODE	
D2			AM01Z	DIODE	
D3			MA4056(N)-M	ZENER DIODE	
D4			MA4082(N)-L	ZENER DIODE	
D6			HZM4.7N(B2)	ZENER DIODE	
D7			MA4110(N)-M	ZENER DIODE	
D8			MA4056(N)-M	ZENER DIODE	
D11 ,12			ERA15-01	DIODE	
D13			DAP202K	DIODE	
D16			MA3062WA	ZENER DIODE	
D18			MA3062WA	ZENER DIODE	
D19			MA4056(N)-M	ZENER DIODE	
D20			MA4062(N)-M	ZENER DIODE	
D21			DAN202K	DIODE	
D22			DA204K	DIODE	
D23 ,24			RD6.8M(B2)	ZENER DIODE	
D27			DAP202K	DIODE	
D28 ,29			RD6.8MW	ZENER DIODE	
D31			DAN202K	DIODE	
D32			MA3056-M	ZENER DIODE	
D33			SA-C2012-101TB	SURGE ABSORBER	
D34			DAN202K	DIODE	
D35 -43			1SR154-400	DIODE	
D47 ,48			DAP202K	DIODE	
D50			MA3220-H	ZENER DIODE	
D51			DA204K	DIODE	
D55 -59			DA204K	DIODE	
D60			MA3062WA	ZENER DIODE	
IC1			UPD784217GC104	MI-COM IC	
IC2			TDA7400	ANALOGUE IC	
IC3			M5237ML	IC(VOLTAGE REGULATOR)	
IC4			TDA7386	ANALOGUE IC	
IC5			TDA7401	ANALOGUE IC	
IC6			ICL7660SIBA	ANALOGUE IC	
IC7 ,8			NJM4565M-TE2	ANALOGUE IC	
IC10			TC74HC02AF	IC	
IC11			TDA7479D	ANALOGUE IC	
IC12 ,16			NJM4565M-TE2	ANALOGUE IC	
IC13			LB1930M	ANALOGUE IC	
IC14			BR24C01AF	MEMORY IC	
IC14			M24C01-WMN6T	MEMORY IC	
IC15			S-80830ANNP	MOS-IC	
Q1 ,4			2SB1565(E,F)	TRANSISTOR	
Q2			2SC2412K	TRANSISTOR	
Q3			2SA1037K	TRANSISTOR	
Q5			DTA124EK	DIGITAL TRANSISTOR	

Ref.No.	Add	New	Parts No.	Description	Destination
Q6 ,9			DTC124EK	DIGITAL TRANSISTOR	
Q7			2SD2396F40	TRANSISTOR	
Q11			DTA123JK	DIGITAL TRANSISTOR	
Q12			DTC144EK	DIGITAL TRANSISTOR	
Q13			2SB1443	TRANSISTOR	
Q15 ,17,19			2SB709A	TRANSISTOR	
Q18 ,20,32			2SC2412K	TRANSISTOR	
Q21 ,23			2SB1277(Q,R)	TRANSISTOR	
Q22 ,26			DTC114EK	DIGITAL TRANSISTOR	
Q24			2SA1037K	TRANSISTOR	
Q25			DTA124EK	DIGITAL TRANSISTOR	
Q28 ,29			2SC2412K	TRANSISTOR	
Q30 ,31			DTA124EK	DIGITAL TRANSISTOR	
Q33			DTC124EK	DIGITAL TRANSISTOR	
Q34 -37			2SC2412K	TRANSISTOR	
Q38			DTC114YK	DIGITAL TRANSISTOR	
Q41			2SA1037K	TRANSISTOR	
Q42			2SC2412K	TRANSISTOR	
Q43			DTC114TK	DIGITAL TRANSISTOR	
Q44			DTA124EK	DIGITAL TRANSISTOR	
Q45			DTC124EK	DIGITAL TRANSISTOR	
Q48			2SB1188(Q,R)	TRANSISTOR	
Q49			DTC124EK	DIGITAL TRANSISTOR	
Q50			2SB1188(Q,R)	TRANSISTOR	
Q51			DTC124EK	DIGITAL TRANSISTOR	
Q52			DTC144EK	DIGITAL TRANSISTOR	
Q53 ,54			DTA124EK	DIGITAL TRANSISTOR	
Q55			2SC2412K	TRANSISTOR	
Q56			2SB1443	TRANSISTOR	
TH1			PTH9C42BD471Q	POSITIVE RESISTOR	
A1	3D		X86-3082-70	TUNER UNIT	

CD PLAYER UNIT (X32-473X-XX)

C1 ,2			CK73FB1A105K	CHIP C	1.0UF	K
C3			C92-1359-05	CHIP-TAN	10UF	16WV
C4			C92-0566-05	CHIP-TAN	10UF	6.3WV
C5			CC73FCH1H330J	CHIP C	33PF	J
C6			CC73FCH1H030C	CHIP C	3.0PF	C
C7			CK73FB1C104K	CHIP C	0.10UF	K
C8			CK73FB1A105K	CHIP C	1.0UF	K
C9			CC73FCH1H101J	CHIP C	100PF	J
C10			CK73FB1H472K	CHIP C	4700PF	K
C11			CK73FB1H682K	CHIP C	6800PF	K
C12			CK73FB1H222K	CHIP C	2200PF	K
C13			CK73FB1H273K	CHIP C	0.027UF	K
C14			CK73FB1H472K	CHIP C	4700PF	K
C15			CK73FB1E473K	CHIP C	0.047UF	K
C16			CC73FCH1H101J	CHIP C	100PF	J
C17			CK73FB1H472K	CHIP C	4700PF	K
C18			CK73FB1H471K	CHIP C	470PF	K
C19 ,20			CK73FB1C104K	CHIP C	0.10UF	K
C21			C92-1359-05	CHIP-TAN	10UF	16WV
C22			CK73FB1C104K	CHIP C	0.10UF	K
C23			CK73FB1H102K	CHIP C	1000PF	K

K: KDC-9015 **E:** KDC-8080R

⚠ indicates safety critical components.

KDC-9015/8080R

PARTS LIST

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ELECTRIC UNIT (X25-84XX-XX)
DAUGTER UNIT (X89-241X-XX)

Ref.No.	Add	New	Parts No.	Description				Destination
C24			CK73FB1H223K	CHIP C	0.022UF	K		
C25			CK73FB1H123K	CHIP C	0.012UF	K		
C26			CK73FB1A105K	CHIP C	1.0UF	K		
C28			CK73FB1A105K	CHIP C	1.0UF	K		
C29			CK73FB1C104K	CHIP C	0.10UF	K		
C31 ,32			CK73FB1H103K	CHIP C	0.010UF	K		
C33			CK73FB1C104K	CHIP C	0.10UF	K		
C34			CK73EB1A335K	CHIP C	3.3UF	K		
C35			CK73FB1C104K	CHIP C	0.10UF	K		
C41			CK73EB1C225K	CHIP C	2.2UF	K		
C43			CK73FB1H123K	CHIP C	0.012UF	K		
C44			CK73FB1C104K	CHIP C	0.10UF	K		
C45			CK73FB1H123K	CHIP C	0.012UF	K		
C46			CK73FB1E473K	CHIP C	0.047UF	K		
C51			CK73EB1A335K	CHIP C	3.3UF	K		
C55			CK73FB1C104K	CHIP C	0.10UF	K		
C63			C92-1359-05	CHIP-TAN	10UF	16WV		
C67 ,68			CK73FB1A105K	CHIP C	1.0UF	K		
C71 ,72			CK73FB1H471K	CHIP C	470PF	K		
C77 ,78			CC73FCH1H680J	CHIP C	68PF	J		
C79 ,80			C93-1044-05	CERAMIC	2200PF	K		
C85			CK73FB1C104K	CHIP C	0.10UF	K		
CN1			E40-9536-05	FLAT CABLE CONNECTOR				
CN2			E40-9339-05	FLAT CABLE CONNECTOR				
L1			L40-1001-78	SMALL FIXED INDUCTOR(10UH)				
L2			L92-0308-05	FERRITE CORE				
X1			L78-0572-05	RESONATOR	(16.93MHZ)			
CP1 -3			R90-1019-05	MULTI-COMP	100	X2		
R1 ,2			RK73FB2A333J	CHIP R	33K	J	1/10W	
R3			RK73FB2A823J	CHIP R	82K	J	1/10W	
R5			RK73FB2A910J	CHIP R	91	J	1/10W	
R6			RK73FB2A823J	CHIP R	82K	J	1/10W	
R8			RK73EB2B4R7J	CHIP R	4.7	J	1/8W	
R9			RK73EB2B100J	CHIP R	10	J	1/8W	
R10 ,11			RK73FB2A682J	CHIP R	6.8K	J	1/10W	
R12			RK73FB2A432J	CHIP R	4.3K	J	1/10W	
R13			RK73FB2A363J	CHIP R	36K	J	1/10W	
R14 ,15			RK73FB2A824J	CHIP R	820K	J	1/10W	
R16			RK73FB2A223J	CHIP R	22K	J	1/10W	
R17			RK73FB2A363J	CHIP R	36K	J	1/10W	
R18			RK73FB2A392J	CHIP R	3.9K	J	1/10W	
R19			RK73FB2A273J	CHIP R	27K	J	1/10W	
R20			RK73FB2A104J	CHIP R	100K	J	1/10W	
R21			RK73FB2A224J	CHIP R	220K	J	1/10W	
R22 ,23			RK73FB2A333J	CHIP R	33K	J	1/10W	
R31			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R32			RK73FB2A104J	CHIP R	100K	J	1/10W	
R34			RK73FB2A683J	CHIP R	68K	J	1/10W	
R35			RK73FB2A104J	CHIP R	100K	J	1/10W	
R36			RK73FB2A151J	CHIP R	150	J	1/10W	
R37			RK73FB2A471J	CHIP R	470	J	1/10W	
R38			RK73FB2A224J	CHIP R	220K	J	1/10W	
R44			RK73FB2A512J	CHIP R	5.1K	J	1/10W	
R45			RK73FB2A103J	CHIP R	10K	J	1/10W	
R46			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R47			RK73FB2A103J	CHIP R	10K	J	1/10W	
R49			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R50			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R52			RK73FB2A104J	CHIP R	100K	J	1/10W	
R54			RK73FB2A104J	CHIP R	100K	J	1/10W	
R71			RK73FB2A103J	CHIP R	10K	J	1/10W	
R72			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R73			RK73FB2A473J	CHIP R	47K	J	1/10W	
R74			RK73FB2A103J	CHIP R	10K	J	1/10W	
R75			RK73FB2A333J	CHIP R	33K	J	1/10W	
R76			RK73FB2A622J	CHIP R	6.2K	J	1/10W	
R77			RK73FB2A563J	CHIP R	56K	J	1/10W	
R78			RK73FB2A243J	CHIP R	24K	J	1/10W	
R79			RK73FB2A242J	CHIP R	2.4K	J	1/10W	
R80			RK73FB2A202J	CHIP R	2.0K	J	1/10W	
R81			RK73FB2A333J	CHIP R	33K	J	1/10W	
R82			RK73FB2A103J	CHIP R	10K	J	1/10W	
R83			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R101,102			RK73FB2A332J	CHIP R	3.3K	J	1/10W	
R103,104			RK73FB2A562J	CHIP R	5.6K	J	1/10W	
R107,108			RK73FB2A331J	CHIP R	330	J	1/10W	
R117,118			RK73FB2A203J	CHIP R	20K	J	1/10W	
R121,122			RK73FB2A203J	CHIP R	20K	J	1/10W	
R125,126			RK73FB2A203J	CHIP R	20K	J	1/10W	
R202			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R216,217			RK73FB2A155J	CHIP R	1.5M	J	1/10W	
R218			RK73FB2A473J	CHIP R	47K	J	1/10W	
R219			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R220			RK73FB2A103J	CHIP R	10K	J	1/10W	
W4			R92-2052-05	CHIP R	0	J	1/10W	
W8			R92-2052-05	CHIP R	0	J	1/10W	
S1 ,2			S68-0838-05	PUSH SWITCH				
S3			S68-0823-05	PUSH SWITCH				
D1 ,2			DAN202U	DIODE				
D3			DA204K	DIODE				
D4			DAN202U	DIODE				
IC1			AN8806SB	ANALOGUE IC				
IC2			MN662773KB3	MOS-IC				
IC4			BA5917AFP	ANALOGUE IC				
IC5			TA78L05F	IC(VOLTAGE REGULATOR/ +5V)				
IC6			NJM4565MD	IC(OP AMP X2)				
Q1			2SB1188	TRANSISTOR				
Q2			DTC124EUA	DIGITAL TRANSISTOR				
Q3 ,4			2SA1362(Y)	TRANSISTOR				
Q5			DTC124EUA	DIGITAL TRANSISTOR				
Q8			DTC124EUA	DIGITAL TRANSISTOR				

DAUGTER UNIT (X89-241X-XX)

C1			C90-2966-05	ELECTRO	100UF	16WV		
C2			CK73FB1H103K	CHIP C	0.010UF	K		
C3			C90-2966-05	ELECTRO	100UF	16WV		
C4			CK73FB1H103K	CHIP C	0.010UF	K		

K: KDC-9015 **E:** KDC-8080R

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Ref.No.	Add	New	Parts No.	Description	Destination
C5			C90-2984-05	ELECTRO 47UF 50WV	
C6			CK73FB1H103K	CHIP C 0.010UF K	
C7			CK73EB1C225K	CHIP C 2.2UF K	
CN1			E40-3250-05	PIN ASSY	
			J74-1053-02	RIGID PRINTED WIRING BOARD	
L1			L33-1029-05	SMALL FIXED INDUCTOR	
R1			RK73EB2B473J	CHIP R 47K J 1/8W	
R2			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R3			RK73EB2B103J	CHIP R 10K J 1/8W	
R4			R92-2104-05	CHIP R 2.2 J 1W	
D1			MA4100-L	ZENER DIODE	
D2			MA4051(N)-M	ZENER DIODE	
D3			DA204K	DIODE	
Q1			2SB1184	TRANSISTOR	
Q2			2SC2412K	TRANSISTOR	
A1		*	W02-3232-05	ELECTRIC CIRCUIT MODULE	
MECHANISM ASSY (X92-37XX-XX)					
401	2A		A10-4482-01	CHASSIS	
402	2A		A10-4225-33	CHASSIS CALKING ASSY	
403	2B		A11-0915-43	SUB CHASSIS CALKING ASSY	
405A	2A		D10-4038-23	ARM ASSY	
406	2A		D10-4306-04	ARM ASSY	
407	2A		D10-4305-04	ARM ASSY	
408	3A		D10-3087-44	ARM ASSY	
409	3B		D10-3092-03	SLIDER	
410	3B		D10-3093-04	SLIDER ASSY	
411	2B		D10-3095-04	SLIDER ASSY	
412	2B		D10-3096-04	SLIDER ASSY	
413	1A		D10-3099-24	SLIDER ASSY	
414	1A		D10-3100-04	SLIDER ASSY	
415	2A		D10-4123-24	LEVER ASSY	
416	1B		D10-4004-04	LEVER ASSY	
417	1B		D10-4006-04	LEVER	
418	1A		D10-4007-04	LEVER	
419	2B		D10-4008-14	LEVER	
420	2A		D10-4009-23	ARM	
421	3B		D10-4010-04	LEVER	
422	3A		D10-4011-34	LEVER ASSY	
423	3A		D10-4013-14	ARM ASSY	
424	3B		D10-4050-04	ARM	
427	3B		D13-1340-13	RACK (GEAR)	
429	3B		D13-1231-04	GEAR	
430	3B		D13-1232-04	GEAR	
431	3B		D13-1233-04	GEAR	
432	3B		D13-1234-14	GEAR ASSY	
433	3A		D13-1238-03	GEAR	
434	3B		D13-1240-04	GEAR	
435	3B		D13-1241-04	GEAR	
436	3B		D13-1242-04	GEAR	
437	1B		D13-1243-04	GEAR	
438	1B		D13-1244-04	GEAR	

DAUGTER UNIT (X89-241X-XX)
MECHANISM ASSY (X92-37XX-XX)

Ref.No.	Add	New	Parts No.	Description	Destination
439	1B		D13-1245-14	GEAR	
440	2A		D13-1246-04	GEAR	
441	2B		D13-1247-04	GEAR	
443	2B		D13-1249-04	GEAR ASSY	
445	1B		D14-0668-04	ROLLER	
446	2A		D14-0670-04	ROLLER	
447	3B		D14-0674-04	ROLLER	
448	2B		D13-1341-04	GEAR ASSY	
449	3A		D21-2228-14	SHAFT	
450	1A		D21-2229-04	SHAFT	
451	1A		D23-0925-24	RETAINER	
452	2A		D32-0614-04	STOPPER	
453	1B		D39-0223-05	DAMPER	
454	2B		D39-0224-05	DAMPER	
455	3B		F09-1246-04	SHEET	
458	3B		F09-1266-14	SHEET	
460	2B		G01-2770-04	EXTENSION SPRING	
461	3A		G01-2771-04	EXTENSION SPRING	
462	3A		G01-2772-24	EXTENSION SPRING	
463	3A		G01-2773-14	EXTENSION SPRING	
464	3A		G01-2774-34	EXTENSION SPRING	
465	1B		G01-2775-04	TORSION COIL SPRING	
466	1B		G01-2776-14	TORSION COIL SPRING	
467	3B		G01-2777-24	TORSION COIL SPRING	
469	2A		G01-2844-04	EXTENSION SPRING	
470	2A		G02-1231-04	FLAT SPRING	
471	2B		G02-1232-24	FLAT SPRING	
472	2A		G02-1241-24	FLAT SPRING	
475	2A		J11-0613-13	CLAMPER	
476	3A		J19-4678-13	HOLDER	
477	2B		J19-4679-24	HOLDER	
478	3B		J21-7684-13	MOUNTING HARDWARE	
479	2B		J21-7686-13	MOUNTING HARDWARE	
480	1B		J21-7690-03	MOUNTING HARDWARE	
481	3A		J31-1032-04	COLLAR	
482	3A		J84-0107-05	FLEXIBLE PRINTED WIRING BOARD	
483	1A		J90-0757-22	GUIDE	
A	2A		N09-4249-05	MACHINE SCREW (M1.7X2.5,LOCK)	
B	1D		N09-4172-05	TAPPING SCREW (2X3.5)	
C	2B		N09-4202-05	STEPPED SCREW	
D	2A		N38-2020-46	PAN HEAD MACHIN SCREW	
F	3B		N19-2023-04	FLAT WASHER	
G	2A		N19-2058-04	FLAT WASHER	
H	3A		N19-2093-04	FLAT WASHER	
DM1	3B		T42-0764-04	DC MOTOR ASSY	
DM2	3B		T42-0763-04	DC MOTOR ASSY	
DPU1	2B		T25-0215-05	OPTICAL PICKUP HEAD	

K: KDC-9015 **E:** KDC-8080R

⚠ indicates safety critical components.

KDC-9015/8080R

SPECIFICATIONS

KDC-9015

FM Section

Frequency Range	87.9MHz~107.9MHz
(Frequency Step)	(200kHz)
Channel Space selection	50k/200kHz
Usable Sensitivity(S/N:30dB)	9.3dBf(0.8μV/75Ω)
Quieting Sensitivity(S/N:50dB)	15.2dBf (1.6μV/75Ω)
Frequency Response(±3.0dB)	30Hz~15kHz
S/N	70dB(MONO)
Selectivity	≥80dB(±400kHz)
Stereo Separation	40dB(1kHz)

AM Section

Frequency Range	530kHz~1700kHz
(Frequency Step)	(10kHz)
Channel Space selection	9k/10kHz
Usable Sensitivity(S/N:20dB)	28dBμ(25μV)

CD Section

Laser Diode	GaAlAs(λ=780nm)
Digital Filter(D/A)	8 Times Over Sampling
D/A Converter	1Bit
Spindle Speed	500~200(CLV)
Wow & Flutter	Below Measurable Limit
Frequency Response	10~20kHz(±1dB)
Total Harmonic Distortion	0.01%(1kHz)
S/N Ratio	93dB(1kHz)
Dynamic Range	93dB
Channel Separation	85dB
Preout Level (mV) /Load-Unbalanced	4500mV/10kΩ(CD/CD-CH)
Preout Impedance	80Ω

AMPLIFIER Section

Maximum Power	45W×4
Full Bandwidth Power(at less than 1%THD)	22W×4

TONE Section

Bass	100Hz±10dB
Treble	10kHz±10dB

General

Operating Voltage	14.4V
(11~16V allowable)	
Current Consumption	10A
Installation Size (W)	182(mm) 7-3/16(in)
(H)	53(mm) 2-1/16(in)
(D)	162(mm) 6-3/8(in)
Weight	4.2lbs(1.9kg)

KDC-8080R

FM Section

Frequency Range	87.5MHz~108.0MHz
(Frequency Step)	(50kHz)
Usable Sensitivity(S/N:26dB)	0.7μV/75Ω
Quieting Sensitivity(S/N:46dB)	1.6μV/75Ω
Frequency Response(±3.0dB)	30Hz~15kHz
S/N	65dB(MONO)
Selectivity(DIN)	≥80dB(±400kHz)
Stereo Separation	35dB(1kHz)

MW (AM) Section

Frequency Range	531kHz~1611kHz
(Frequency Step)	(9kHz)
Usable Sensitivity(S/N:20dB)	25μV

LW Section

Frequency Range	153kHz~281kHz
Usable Sensitivity(S/N:20dB)	45μV

CD Section

Laser Diode	GaAlAs(λ=780nm)
Digital Filter(D/A)	8 Times Over Sampling
D/A Converter	1Bit
Spindle Speed	500~200(CLV)
Wow & Flutter	Below Measurable Limit
Frequency Response	10~20kHz(±1dB)
Total Harmonic Distortion	0.01%(1kHz)
S/N Ratio	93dB(1kHz)
Dynamic Range	93dB
Channel Separation	85dB
Preout Level (mV) /Load-Unbalanced	1800mV/10kΩ(CD/CD-CH)
Preout Impedance	≤600Ω

AMPLIFIER Section

PWR(MAX)	45W×4
PWR DIN45324,+B=14.4V	28W×4

TONE Section

Bass	100Hz±10dB
Treble	10kHz±10dB

General

Operating Voltage	14.4V
(11~16V allowable)	
Current Consumption	10A
Installation Size (W)	182(mm) 7-3/16(in)
(H)	53(mm) 2-1/16(in)
(D)	162(mm) 6-3/8(in)
Weight	4.2lbs(1.9kg)

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD CORPORATION

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